This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

E. DORSCH, M. D.
Monroe, Mich.

THE DORSCH LIBRARY.

The private Library of Edward Dorsch, M. D., of Monroe, Michigan, presented to the University of Michigan by his widow, May, 1888, in accordance with a wish expressed by him.

Q
145
.N2

A 954,630

THE INTERNATIONAL

36666

SCIENTIST'S DIRECTORY.

CONTAINING

THE NAMES, ADDRESSES, SPECIAL DEPARTMENTS OF STUDY, ETC.,
OF AMATEUR AND PROFESSIONAL NATURALISTS,
CHEMISTS, PHYSICISTS, ASTRONOMERS,
ETC., ETC.,

IN AMERICA, EUROPE, ASIA, AFRICA, AND OCEANICA.

COMPILED BY

SAMUEL E. CASSINO.

Rev. Dorsch, MD
Monroe, Mich.

Boston, U.S.A.:
S. E. CASSINO AND COMPANY.
1883.

Copyright,
BY S. E. CASSINO & CO.
1883.

ELECTROTYPED.

BOSTON STEREOTYPE FOUNDRY,
No. 4 PEARL STREET.

INTRODUCTION.

THE arrangement and general character of the Directory is the same as that for 1881–82. Many new names have been added, and a large number of corrections made. In the United States we have eliminated many names of persons from whom we have not heard for some time. It is possible a few important addresses have been removed, and if so, we shall be pleased to restore them in the next edition.

An examination of the Index, placed for convenience at the front of the book, will enable one to use the work intelligently. Following this will be found a list of abbreviations, which should not be overlooked.

Names followed by an asterisk (*) have been heard from since the publication of the last edition.

The number of those who have assisted by furnishing new names and corrections is very large, and we wish to extend to them our sincere thanks. To the following gentlemen we are under especial obligations for assistance:—Mr. J. Ritchie, Jr., Boston, Mass.; Mr. J. G. Gehring, Cleveland, Ohio; Herr J. F. Schill, Leiden, Netherlands; Prof. Dr. H. C. Dibbits, Utrecht, Netherlands; Dr. J. C. Costerus, Amsterdam, Netherlands; M. Ph. Dautzenberg, Paris, France; M. Charles Oberthür, Rennes, France; Rev. J. S. Deichman Branth, Sneptrup, Denmark; Herr N. C. Kindberg, Lindköping, Sweden; Prof. Gustaf Lindström, Stockholm, Sweden; Mr. W. H. Dalton, London, England. Herr Godefroi Mollinger, of Godesburg, Germany, has sent us several thousand new names.

The foreign portion will not be published again for several years. We shall, however, publish a supplement with the American Directory, which will be issued annually. New addresses and corrections should be sent us for this supplement. We propose to publish in December, 1883, a Directory of the United States and Canada, which we hope to make of more value than any previous edition. The names will be arranged alphabetically and also by subjects. Circulars and blanks for this edition will be mailed in a few months.

INDEX.

PART I.

	PAGE
Abbreviations	vii
Antigua	145
Argentine Republic	148
Bahama Islands	145
Barbadoes	145
Bermuda	142
Bolivia	148
Brazil	149
British Columbia. See Canada	1
Canada. See United States	1
Central America	142
Chili	149
Costa Rica	142
Cuba	145
Curacoa	146
Dominica	146
Ecuador	149
Greenland	142
Guadeloupe	146
Guatemala	142
Guiana — British, Dutch	150
Honduras	142
Jamaica	146
List of Deceased	141
Martinique	147
Mexico	143
Miquelon	145
New Brunswick. See Canada	1
Newfoundland	145
Nicaragua	142
Nova Scotia. See Canada	1
Peru	150
Porto Rico	147
San Domingo	147
San Salvador	142
Santa Cruz	147
Scientific Societies in the United States and Canada	131
South America	148
St. Thomas	147
Trinidad	147
United States	1
Uruguay	150
U. S. of Colombia	150
Venezuela	150
West Indies	145

INDEX.

PART II.

	PAGE
Africa	280
Algeria	280
Angola	281
Appendix	293
Asia	274
Assam. See Indian Empire	274
Australia	285
Austro-Hungary	1
Azores	27
Belgium	27
Bengal. See Indian Empire	274
Bohemia. See Austro-Hungary	1
Bombay. See Indian Empire	274
Borneo	289
Burmah. See Indian Empire	274
Canary Islands	281
Cape Colony	281
Cape of Good Hope. See Cape Colony	281
Cashmere. See Indian Empire	274
Ceylon	274
China	274
Comoro Isles	282
Congo	282
Corsica	37
Cyprus	274
Deccan. See Indian Empire	274
Denmark	37
Egypt	282
England. See Great Britain	137
Europe	1
Fernando Po	282
Fiji Islands	289
Finland. See Russia	236
France	41
Gaboon	282
Gambia	282
Germany	90
Gibraltar	137
Great Britain	137
Greece	213
Hawaiian Isles. See Sandwich Islands	291
Heligoland	213
Holland. See Netherlands	227
Hungary	1
Iceland	213
Indian Empire	274
Ireland. See Great Britain	137
Italy	213
Japan	277
Java	289
Madras. See Indian Empire	274
Malta	227
Mauritius	283
Natal	283
Netherlands	227
New Caledonia	290
New South Wales	285
New Zealand	290
North West Provinces. Indian Empire	274
Norway	232
Oceanica	285
Philippine Islands	291
Poland. See Russia	236
Portugal	234
Punjâb. See Indian Empire	274
Queensland	287
Reunion Island	283
Roumania	236
Russia	236
Saint Helena	283
Sandwich Islands	291
Sardinia. See Italy	213
Scotland. See Great Britain	137
Senegal	283
Sicily. See Italy	213
Sierra Leone	283
Singapore. See Indian Empire	274
Spain	244
Society Islands	292
South Australia	286
Straits Settlement. See Indian Empire	274
Sumatra	292
Sweden	253
Switzerland	263
Syria. See Turkey in Asia	279
Tasmania	292
Trans-Caucasia. See Russia	236
Tripoli	283
Turkey in Asia	279
Turkey in Europe	273
Victoria	287
Wales. See Great Britain	137
Yoruba	284
Zanzibar	284

ABBREVIATIONS.

Acad., Academy.
Agric., Agriculture.
Ala., Alabama.
Am., American.
Anat., Anatomy.
Analyt., Analytical.
Anth., Anthropology.
Antiq., Antiquities.
Arach., Arachnida.
Arch., Archæology.
Ariz., Arizona.
Ark., Arkansas.
Ast., Astronomy.
Asst., Assistant.
Biol., Biology.
Bot., Botany.
Bryol., Bryology.
C., Collection.
Cal., California.
Carab., Carabidæ.
Carb., Carboniferous.
Ceramb., Cerambycidæ.
Chem., Chemistry.
Cicind., Cicindelidæ.
Cin., Cincinnati.
Col., Colorado.
Coleopt., Coleoptera.
Coll., College.
Comp., Comparative.
Con., Conchology.
Conn., Connecticut.
Crypt., Cryptogamic.
Crystal., Crystallography
Cur., Curator.
Cus., Custodian.
Dak., Dakotah.
D. C., District of Columbia.
Del., Delaware.
Dept., Department.
Devon., Devonian.
Dipt., Diptera.
Dir., Director.
Dist., Distribution.
Econ., Economic.
Elect., Electricity.
Emb., Embryology.
Ent., Entomology.
Esp., Especially.
Eth., Ethnology.
Ethnog., Ethnography.
Ex., Exchange.
Fla., Florida.
Ga., Georgia.
Gen., General.
Geog., Geographical.
Geol., Geology.
Held., Helderberg.
Hemipt., Hemiptera.
Herpetol., Herpetology.
Histol., Histology.
Hort., Horticulture.
Hymenop., Hymenoptera.
Ia., Iowa.
Ichth., Ichthyology.
Ill., Illinois.
Ind., Indiana.
Invert., Invertebrates.
Inorg., Inorganic.
Inst., Institute.
Kan., Kansas.
Ky., Kentucky.
L., Lower.
La., Louisiana.
L. & F. W., Land and Fresh Water.
Lepid., Lepidoptera.
Lithol., Lithology.
M., Marine.
Mam., Mammalogy.
Mass., Massachusetts.
Math., Mathematics.
Md., Maryland.
Me., Maine.
Med., Medical.
Meteo., Meteorology.
Met., Metallurgy.
Mic., Microscopy.
Mich., Michigan.
Min., Mineralogy.
Minn., Minnesota.
Miss., Mississippi.
Mo., Missouri.
Moll., Mollusks.
Mont., Montana.
Mus., Museum.
Nat. Hist., Natural History.
N. C., North Carolina.

Neb., Nebraska.
Neuropt., Neuroptera.
Nev., Nevada.
N. H., New Hampshire.
Niag., Niagara.
N. J., New Jersey.
N. M., New Mexico.
N. Y., New York.
O., Ohio.
Obs., Observatory.
Ool., Oology.
Ophthal., Ophthalmology.
Ore., Oregon.
Org., Organic.
Orn., Ornithology.
Orthopt., Orthoptera.
Osteol., Osteology.
Palæo., Palæontology.
Pathol., Pathological.
Penn., Pennsylvania.
Phæn., Phænogamic.
Philol., Philology.
Phil., Philosophy.
Photog., Photography.
Phys., Physics.
Piscol., Piscology.
Pres., President.
Prof., Professor.
R. I., Rhode Island.
S. C., South Carolina.
Sec., Secretary.
Sci., Science.
Sil., Silurian.
So., Southern.
Soc., Society.
Sp., Species.
Spec., Specimens or Specialty.
Strat., Stratigraphical.
Surv., Survey.
Syst., Systematic.
Tax., Taxidermy.
Tech., Technical, Technology.
Tenn., Tennessee.
Tex., Texas.
U., Upper.
Univ., University.
Va., Virginia.
Vasc., Vascular.
Veg., Vegetable.
Vert., Vertebrates.
Vt., Vermont.
Wis., Wisconsin.
Wash. Ter., Washington Territory,
W. T., Wyoming Territory.
W. Va., West Virginia.
Zool., Zoology.

THE

NATURALISTS' DIRECTORY.

UNITED STATES AND CANADA.

An asterisk (*) indicates that parties have been heard from since issue of last Directory.

AARON, CHAS. E., A.M., 4215 Columbia Ave., W. Philadelphia. *Phæn. Bot., Ferns.* C.* Penn.

AARON, EUGENE M., P. O. Box 2500, Philadelphia. *Lepid. Rare Butterflies Bought*, especially Hesperidæ. C. Ex. Will furnish Mineralogists, Conchologists, Botanists, Ornithologists, etc., with their desiderata in ex. for Butterflies.* Penn.

AARON, Mrs. E. M., 744 Union St., W. Philadelphia. Scientific Artist.* Penn.

AARON, S. FRANK, 4215 Columbia Ave., W. Philadelphia. *Orn.* C.* Penn.

ABBE, CLEVELAND, Prof. and Asst. Army Signal Office, Washington. *Meteo., Terrestrial Physics, Ast.* Standard Time.* D.C.

ABBOT, H. L., Military Engineer, Willet's Point, Whitestone P. O., Queens Co.* N.Y.

ABBOTT, C. C., M.D., L.B., 35 Trenton. *Arch., Zool.* N.J.

ABBOTT, CHARLES S., Antrim. C. Ex.* N.H.

ABBOTT, E. K., M.D., Salinas, Monterey Co. *Bot., Met.* C.* Cal.

ABBOTT, WILLIAM LOUIS, 1926 Chestnut St., Philadelphia. *Orn.* C. Ex.* Penn.

ACHERT, E. E., Denver. *Orn., Min.** Col.

ACHILLES, F. W., M.D., Prof. of Chem. and Toxicology at Med. Coll., Evansville. *Chem.** Ind.

ACKER, E. O'C., C.E., U.S.N., U.S.S., Alaska, Navy Dep't, Washington. *Min.* D.C.

ACKLIN, GRAFF M., Toledo, Lucas Co. *Geol., Min., Arch., Crustacea, Moll., Sponges.* C. Ex.* Ohio.

ADAMS, E. F., New Ipswich. *Palæo., Min., Arch., Ool., Ent., Moll.* C. N.H.

ADAMS, EDW. P., C.E., Medford. *Bot., Geol.** Mass.

ADAMS, FRED., Elmore. *Arch., Geol.* C. Ex. *in old Coins.** Ill.

ADAMS, Rev. MYRON, 9 Washington St., Rochester. *Mic., Ent., Photog.** N.Y.

ADAMS, WELLINGTON, M.D., 2210 Wabash Ave., and 16th St., Chicago. *Vertebrate Palæo., Phys., Geol., Org. Chem., Physics, Biol., Anth., Mammals, Osteol.** Ill.

ADAMS, W. H., Elmore, Peoria Co. *Arch., Palæo., Min.* C. Offers fossil fruits, leaves, and other fossils of the Coal Measures, in ex. for specimens in Arch. of any kind, or Country, or limited number of fine minerals. Scientific Societies and Colleges requested to correspond, to whom I will send first package.* Ill.

ADAMS, ZUE, Topeka. *Lepid., Coleopt.* C.* Kan.
ADKINS, CHAPMAN, Wayne C.H. *Med. and Gen. Sci.** W.Va.
AGASSIZ, ALEXANDER, Museum of Comparative Zoology at Harvard College, Cambridge. *Comparative Zoology.** Mass.
AIKEN, CHARLES E., Colorado Springs. *Ool., Mam., Min.* C. Ex. Col.
AIKEN, W. E. A., M.D., LL.D., Prof. Chem. Univ., Md., Baltimore. *Phæn. Bot., Ferns, Chem.* C.* Md.
AIKER, WILLIAM M., Atlanta Univ., Atlanta.* Ga.
AINSLIE, CHARLES N., A.M., Rochester. *Invert., Ent.: Dipt., Coleopt.* C. Ex. Insects and F. W. Shells.* Minn.
AKHURST, JOHN, 32 Nassau St., Brooklyn. *Ent.: Lepid., Coleopt., Tax.* C. Ex.* N. Y.
ALBRECHT, Dr. JOSEPH, Elysian Field, N. New Orleans. *Bot., Min., Ent.* La.
ALBROOK, Rev. J. B., A.M., Prin. Epworth Sem., Epworth. *Invert. Palæo., Geol., Min.* C. Ex. Fossils of Maquoketa Shales.* Ia.
ALDEN, LEVI, Madison, *Ast.* Wis.
ALDRICH, JOHN D., 41 College Ave., Indianapolis. *Con., Lepid.* C. Ex. Desires correspondents in So. States and Foreign Countries.* Ind.
ALDRICH, T. H., M.E., Birmingham. *Moll. Spec. Unionidæ of the South.* C. Ex.* Ala.
ALEXANDER, Prof. STEPHEN, LL.D., Princeton. *Ast.** N.J.
ALEXANDER, JAMES, Rochester, Beaver Co. *Arch.* Penn.
ALEXANDER, JOHN B., M.D., Lexington. *Physiology, Meteo.** Mo.
ALEXANDER, Prof. WALTER, A.M., D.D., New Orleans. La.
ALLAN, ALEX., Box 369, Pawtucket. *Chem., Mic., Ent.* C.* R.I.
ALLBRIGHT, WILLIAM B., care N. K. Fairbanks, Chicago. *Chem.** Ill.
ALLEN, Dr. AMOS, Grafton, Rensselaer Co. *Bot.** N.Y.
ALLEN, ANSON, Orono. *Ent.: Lepid.* C. Ex.* Me.
ALLEN, A. T., Taxidermist and Collector, 285 11th St., Denver. *Vertebrates, Articulates.* C. Ex.* Col.
ALLEN, C. A., Nicasio, Marin Co. *Orn., Ool.** Cal.
ALLEN, CHAS. C., Eureka Springs, Carroll Co. *Geol., Con., Min.* C. Ex. Atlantic shells for those of the Pacific coast.* Ark.
ALLEN, CHARLES F., West Newton, Marion Co. *Zool., Ent.* C. Ex. Wishes Coleoptera, or Lepid.* Ind.
ALLEN, Prof. C. H., State Normal School, San Jose.* Cal.
ALLEN, CHARLES O., 71 State St., Albany.* N.Y.
ALLEN, CHARLES S., Astoria, L. I. *Orn., Ool.* C. Ex.* N.Y.
ALLEN, F. H., Norwich. *Marine Zoology.* C. Will exchange for, or buy, good specimens of Shells, Radiates, or other Invertebrates. Conn.
ALLEN, FRED. P., 23 Park Ave., Rochester. *Mic.** N. Y.
ALLEN, HARRISON, M.D., 117 So. 20th St., Philadelphia. *Mam., Physiol.** Penn.
ALLEN, Prof. H. C., M.D., Ann Arbor. *Bot., Experimental Drug Provings.* C. Ex.* Mich.
ALLEN, J., Alfred Centre, Allegany Co. *Arch., Palæo., Con.* C. Ex. N.Y.
ALLEN, J. A., Ass't Mus. Comp. Zool., Cambridge. *Mam., Orn.** Mass.
ALLEN, Mrs. JULIETTE B., Camden. *Bot., Min.** N.J.
ALLEN, JAMES E., Omer, Bay Co. *Ent.* C.* Mich.
ALLEN, JEROME, A.M., St. Cloud. *Geol., Palæo.* C. Ex. Hamilton group fossils.* Minn.
ALLEN, MARY E., M.D., Prof. Physics and Hygiene, Vassar Coll., Poughkeepsie. N.Y.
ALLEN, Prof. O. D., Sheffield Science School, New Haven. *Chem., Phæn. Bot., Musci.* C. Ex.* Conn.
ALLEN, RICHARD, 62 No. Third St., Troy. *Micros.* N.Y.
ALLEN, RICHARD H., P. O. Box 376, New York. *Orn.* C.* N.Y.

ALLEN, R. L., Providence. *Ast.** R.I.
ALLEN, TIMOTHY F., M.D., 10 E. 36th St., N. Y. *Bot., Characeæ.** N.Y.
ALLERTON, GEORGE R., Bronxville, Westchester Co. Collection of live plants. N.Y.
ALLING, CHARLES E., 42 Adams St., Rochester. *Mic.** N.Y.
ALLING, CHARLES P., Bradford. *Mic.* Pa.
ALLING, MARY R., Boston.* Mass.
ALLIS, E. W., Adrian, Lenawee Co. *Ool., Arch.* C.* Mich.
ALLIS, JAMES W., 10 State Street, Rochester. *Ent.: Lepid., Coleopt.* C. Ex.* N.Y.
ALLIS, L. F., Elsie, Clinton Co. *Ool., Arch.* Mich.
ALLIS, SOLON M., C.E., U.S. Deputy Mineral Surveyor, Tucson. *Geol.* C. Ex. Can furnish specimens of ores from Ariz. silver mines, but no *fossils or shells*. Eastern address Box 104, Malden, Mass.* Ariz.
ALLISON, E. H., Eaton. *Phys., Geol.* C. Ex. Ohio.
ALLISON, J. F., Mount Carroll, Carroll Co. *Geol., Pre-Historic relics.* C. Ex.* Ill.
ALLISON, W. E., Clark's Mills, Oneida Co. *Orn.** N.Y.
ALLMENDINGER, Miss E. C., Ann Arbor. *Bot.* C. Ex. Mich.
ALTMIER, HENRY, 130 So. Second St., Harrisburg, Dauphin Co. *Geol., Min., Arch., Mollusks.* C. Ex. Penn.
AMENDE, C. G., Hoboken. *Diatoms, Infusoria.* N.J.
AMES, J. F., Chicopee. *Min.* C. Mass.
AMES, MARY E. P., Auburn. *Bot.* C. Ex.* Cal.
AMI, HENRY M., Ottawa, Ont. *Bot., Min., Geol., Palæo.* C. Plants from Ottawa Valley for ex.* Canada.
AMORY, R., M.D., Norfolk. *Physiol.** Mass.
ANDERSON, CHARLES L., M.D., Santa Cruz. *Bot., Algæ.* C. Ex. Cal.
ANDERSON, D. G., Keokuk. *Geol.* C.* Ia.
ANDERSON, J. C., M.D., 25 E. Third St., Mansfield, *Arch., Min.* C. Ex. Ohio.
ANDERSON, Rev. JOSEPH, S.T.D., Waterbury. *Am. Eth., Arch., and Philology.* C. Ex. Desires Aboriginal Stone Implements, Pottery, etc.* Conn.
ANDERSON, Mrs. LOUISA P., Prof. Bot. and Zool. in Whitman College, Walla Walla. *Bot., Zool., Mollusks.* C. Ex.* Wash. Ter.
ANDERSON, WILLIAM P., Marine Dept., Ottawa, Ont. *Geol.** Canada.
ANDERSON, Prof. W. W., Santa Cruz. *Mic.* Cal.
ANDRAS, J. C., Manchester, Scott Co. *Bot.* C. Ex. Native plants of this locality.* Ill.
ANDREWS, E., A.M., M.D., Prof. Surg., Chic. Med. Coll., 6 Sixteenth St., Chicago. *Geol., Anth.** Ill.
ANDREWS, ELLEN D., Southington. *Bot.* C. Ex.* Conn.
ANDREWS, FRANK D., Vineland. *Geol., Min., Palæo., Arch.* C.* N.J.
ANDREWS, GEO., Knoxville.* Tenn.
ANDREWS, HORACE, Jr., Assistant N. Y. State Surveyor, Albany. N.Y.
ANDREWS, H. B., Box 356, Rockford. *Geol.* C. Ex. Ill.
ANDREWS, L., Southington, Hartford Co. *Geol., Min., Met., Palæo., Arch.* C. Ex. Spec. *Fucoid* upon the Triassic Sandstone.* Conn.
ANDREWS, Q. E., M.D., Moorhead. *Min., Cryst., Geol.* C. Ex.* Minn.
ANDREWS, Dr. R. R., Brattle Square, Cambridge. *Micros.** Mass.
ANDREWS, T. L., M.D., Creston, Union Co. *Bot.* C. Ex.* Ia.
ANDREWS, T. P., Farina, Fayette Co. *Bot., Geol., Min.* C. Ex.* Ill.
ANDRIESSEN, HUGO, Beaver, Beaver Co. *Min., Chem., Pharm., Bot.* C. Ex. Fossil ferns, rare drugs, birds, plants, minerals, shells, etc. Desires herbarium spec. in ex.* Penn.
ANDRUS, D. A. K., L.B., 2605, Rockford. *Arch., Min.* C. Ex. Correspondence solicited.* Ill.

ANGELL, G. J., 110 W. D. Hall, New Haven. *Micro-Lepidoptera, Larvæ.* Conn.

ANGLE, JAMES M., Box 614, Rochester. *Ent.: Lepid.* C. Will collect for ex.* N.Y.

ANGUS, J., West Farms, N. Y. City. *Indian relics, Lepid.: Catocala and Sphingidæ*, a specialty. C. Ex.* N.Y.

ANSON, ALFRED, Jr., Harrisburg. *Geol., Min.** Penn.

ANTISELL, Prof. THOMAS, M.D., Washington. *Bot.* D.C.

ANTHONY, WILLIAM A., Prof. of Physics, Cornell Univ., Ithaca. *Elect., Mic., Photog.** N.Y.

ANTHONY, ARTHUR C., 285 Marlboro' St., Boston. *Ent.: Coleopt., Lepid.* C. Ex.* Mass.

APGAR, AUSTIN C., State Normal School, Trenton. *Zoology.* C.* N.J.

APGAR, ELLIS A., State Supt. Pub. Instruction, Trenton. *Bot., Orn., Mic.* C.* N.J.

APPLETON, FRANCIS H., A.M., Peabody. *Agric.** Mass.

APPLETON, JOHN HOWARD, Prof. Chem., Brown Univ., Providence.* R.I.

ARMSTRONG, EMMETT, New Albuquerque. *Chem., Geol., Min.* C. Ex. N.M.

ARMSTRONG, Rev. GEORGE D., D.D., Norfolk. *Min., Bot.* Va.

ARMSTRONG, J. E., Champaign. *Gen. Biol., Tax., Osteol., Turtles.* C. Ex.* Ill.

ARMSTRONG, P. A., Morris. *Geol.** Ill.

ARNOLD, CLARK, M.D., Fort Worth. *Geol.* C. Ex.* Tex.

ARNOLD, CRAIG R., Acad. Nat. Sci., Philadelphia. *Orn., Ool., Tax., Phys.* C. Ex.* Penn.

ARNOLD, DELOS, Marshalltown. *Min., Fossils, Palæo., Geol., Ferns, Lithol., Archæol., Ethnol.* C. Ex.* Ia.

ARNOLD, J. M., 376 Washington St., Boston. *Math.** Mass.

ARTES, CHARLES F., 120 Main St., Evansville. *Arch.* C. Ex. Pottery for stone implements. Ind.

ARTHUR, J. C., Charles City. *Bot.* C. Ex.* Ia.

ASHBURNER, CHAS. A., M.S., Asst. 2d Geol. Survey of Pa., 907 Walnut St., Philadelphia. *Mining, Geol., Min., Phys.** Penn.

ASHBURNER, WILLIAM, 1014 Pine St., San Francisco. *Mic.** Cal.

ASHE, E. D., F.R.A.S., R.N., Dir. Quebec Observ., Quebec. *Elect., Photog., Meteo., Ast.** Canada.

ASHER, J. M., San Diego. *Bot.* Cal.

ASHENFELTER, H. M., Silver City. N.M.

ASHFORD, Dr. F. A., Washington, Prof. Surgery Med. Dept. Univ. of Georgetown.* D.C.

ASHMEAD, WILLIAM H., Jacksonville. *Gen. Nat. Hist., Herpetol., Coleopt., Lepid., Hemiptera, Cynipidæ, Chalcididæ.* C. Fla.

ASHTON, T. B., Tonganoxie, Leavenworth Co. *Ent., Coleopt.* C. Ex.* Kan.

ASIRE, MERWIN E., Box 142, Oshkosh. *Orn., Ent.: Coleopt., Lepid.* C. Ex.* Wis.

ASQUITH, A. W., 404 Classon Av., Brooklyn. *Coleopt.** N.Y.

ATHERTON, G. D., 74 Broadway, Taunton. *Min.* C. Ex. Mass.

ATKINS, CHARLES G., Bucksport. *Ichth.** Me.

ATKINS, Dr. H. A., Locke, Ingham Co. *Orn., Ool.** Mich.

ATKINSON, JOHN C., Henderson. *Hort.* Spec. *Hardy Grapes.* Ex. Ky.

ATTWOOD, MELVILLE, M.E., Saucelito, Marin Co. *Geol., special branch, enclosing, or wall rocks of metalliferous veins.* C. Ex. in specialty. Cal.

ATWATER, W. O., Prof. Chem., Wesleyan Univ., Middletown. *Chem., Physiol., and Agric.** Conn.

ATWELL, CHARLES B., Evanston. *Bot.** Ill.

ATWOOD, CARL C., Albion, Dane Co. *Orn., Ool.* C. Ex.* Wis.

ATWOOD, CHARLES, M.D., Moravia, Cayuga Co. *Phæn. Bot., Ferns, Mosses.* C. Ex.* N.Y.
ATWOOD, E. S., East Orange, Essex Co. *Mic.** N.J.
ATWOOD, H. F., Rochester. *Mic., Infusoria, Parasites.* C.* N.Y.
ATWOOD, J. WARD, M.D., 410 Spruce St., Philadelphia. *Odontol.* Penn.
ATWOOD, N. E., Provincetown. *Fisheries.** Mass.
ATWOOD, W. P., S.B., 81 Appleton St., Lowell. *Bot., Chem.* C.* Mass.
AUGHEY, SAMUEL, Prof. Nat. Sci., Lincoln. *Geol., Bot.* C. Ex. fossils of Dakota group, leaves.* Neb.
AUSTEN, PETER TOWNSEND, Ph. D., F.C.S., Prof. Gen. and Applied Chem., Rutgers Coll., and the N. J. State Scientific School, New Brunswick. *Chem.** N. J.
AUSTIN, E. P., Astronomer, 46 East Newton St., Boston. *Ent.: Coleoptera.* C. Ex.* Mass.
AUSTIN, Mrs. R. M., Prattville, Plumas Co. *Bot., Lepid.* C. Cal.
AUXER, SAMUEL, 150 S. Prince St., Lancaster. *Ent.: Lepid., Coleopt.* C. Ex. only in Coleopt.* Penn.
AVERELL, WILLIAM D., Chestnut Hill, Philadelphia. *Con., Min., Mic.* Specialty Cyperæidæ. Penn.
AVERILL, CHARLES K., Jr., care of Housatonic R.R.Co., Bridgeport. *Orn., Ool.* C. Ex.* Conn.
AVERY, CHARLES, LL.D., Emer. Prof. Chem., Hamilton College, Clinton. N.Y.
AVERY, CHARLES E., Transcript Building, Room 3, cor. Milk and Washington Streets, Boston. *Applied Chemistry.* Mass.
AVERY, GEORGE H., Easthampton. *Orn., Nat. and Tax.* C. Ex. Wishes only first-class specimens.* Mass.
AVERY, GEORGE R., Locke. *Bot.* C. Ex.* Mich.
AVERY, JAMES, Wallingford. *Min., Geol.* C. Ex.* Conn.
AYRES, GEORGE B., M.D., Ann Arbor. *Anat., Orn.* Mich.
AYRES, S. G., North Ferrisburg. *Geol., Min.* C. Ex.* Vt.
AYRES, W. O., M.D., New Haven. *Anthrop., Ichth., Echinoderms.** Conn.
AYRES, Rev. WILLIAM W., Wickford. *Bot.* C. Ex.* R.I.

B.

BABBITT, JOHN, Fredericton, N.B. *Electricity, esp. Transmission of Sound.* Canada.
BABCOCK, A. L., Sherborn. *Orn., Ent.* C. Ex.* Mass.
BABCOCK, D. D., So. Danville, Steuben Co. *Bot., Min.* C. Ex.* N.Y.
BABCOCK, H. H., 693 N. Clark St., Chicago. *Bot.* Ill.
BABCOCK, H. P., General Bird Store, 144 Purchase St., New Bedford. *Tax., Orn., Ool., Zool.* Gen. Collector. C. Ex.* Mass.
BABCOCK, JAMES F., State Assayer for Mass., late Prof. of Chem., Mass. Coll. of Pharm., and Boston Univ., Vice-Pres. Boston Amateur Photographic Soc., 4 State Street, Boston. *Chem., Mic., Photog., Bibliog.** Mass.
BABCOCK, S. E., M.D., Chester. *Indian Stone Implements.** S.C.
BABCOCK, W. IRVING, C.E., 161 Lefferts Place, Brooklyn. *Orn., Ool. Met.* C. N.Y.
BACHELLER, FRANKLIN, Lynn, *Min.* C. Mass.
BACON, AUSTIN, Natick. *Anth.* Mass.
BAER, O. P., M.D., Richmond. *Bot., Geol., Palæo., Min., Mic.* C. Ex. Ind.
BAGG, Col. EGBERT, 424 Genesee St., Utica. *Palæo.* C. Ex. N.Y.
BAGG, EGBERT, Jr., 187 Genesee St., Utica. *Orn., Ool.* C. Ex.* N.Y.

BAILEY, ALBERT, Chepachet, Herkimer Co. *Con.* C. Ex. local shells for L. & F. W. and marine shells of other localities. Parties wishing to exchange, please send list of duplicates.* N.Y.

BAILEY, C. H., Rome. *Indian and War relics.* C. N.Y.

BAILEY, E. H. S., Lehigh Univ., Bethlehem. *Chem., Min.* Ex.* Penn.

BAILEY, GEORGE IRVING, 95 Eagle St., Albany. *Lepid.** N.Y.

BAILEY, H. B., 51 South St., New York. *Orn., Ool.* C. N.Y.

BAILEY, H. L., Moravia. *Mic.* N.Y.

BAILEY, JAMES S., M.D., 95 Hamilton St., Albany. *Ent.: Lepid.* C. Ex. Desires especially Bomb., Sphin., and Catocala. Desires to purchase rare examples of these species.* N.Y.

BAILEY, L. H., Jr., Agr'l College, Lansing. *Bot.* C. Ex. in Mich. plants.* Mich.

BAILEY, L. W., Prof. Chem. and Nat. Hist., Univ. of New Brunswick, Fredericton, N.B. *Geol.* C. Ex.* Canada.

BAILEY, S. C. H., Cortlandt-on-Hudson, Westchester Co. *Min.* C. Ex. Will send lists for ex. Meteorites desired.* N.Y.

BAILEY, THEO. P., M.D., 43 Central Ave., Albany. *Lepid.* C. Ex.* N.Y.

BAILEY, WALLACE, Des Moines. *Geol., Min.** Ia.

BAILEY, WM. WHITMAN, Prof. Nat. Hist. Brown Univ., Providence. *Gen. Bot.* C. Ex. Desires Pacific Coast plants; also *mosses.** R.I.

BAILLY, J. F. D., 202 Alexander St., Rochester. *Nat. Hist.** N.Y.

BAILY, ALFRED W., Box 712, Atlantic City. *Min., Arch., Geol., Bot., Conch.* C. Ex. minerals and relics.* N.J.

BAIRD, Prof. J. F., A.M., Hanover Coll., Hanover. *Bot., Geol.* C. Ex. Ind.

BAIRD, SPENCER F., Dir. of Nat. Mus., U. S. Com. of Fish and Fisheries, Sec. Smithsonian Inst., Washington. *Am. Vertebrata, Ethnol.** D.C.

BAIRD, WILLIAM M., Charlestown. *Phæn. Bot., Ferns.* C. Ex. Ind.

BAIRD, WILLIAM R., M.E., Memb. Soc. Mineralogique de France, Box 1848, New York. *Min.* C. Ex. Offers American minerals, especially N. J. zinc ores and minerals. Desires only good specimens, foreign preferred. No fossils wanted.* N.Y.

BAKER, A. B., 2 College Ave., Rochester. *Palæo., Invert., Zool.** N.Y.

BAKER, A. L., Scranton. *Mic., Nat. Hist.* C. Ex.* Penn.

BAKER, HENRY B., M.D., Pres. Lansing Sci. Asso., Lansing. *Gen. Biol., Micros., Sanitary Sci.** Mich.

BAKER, MARCUS, M.A., U.S. Coast and Geodetic Survey Office, Washington.* D.C.

BAKER, P. S., A.M., M.D., Greencastle. *Ent.* Ex.* Ind.

BAKER, Dr. WASHINGTON H., 1610 Summer St., Phila. *Mic.* Penn.

BALCH, WM. E., Lunenburg, Essex Co. *Mam., Orn., Ool., Tax.* C. Ex.* Vt.

BALDWIN, HARRY L., 295 Kansas Ave., Denver. *Elect., Ast.** Col.

BALDWIN, Dr. H. R., New Brunswick. *Mic.** N.J.

BALDWIN, L. S., Laconia. *Ast.* N.H.

BALDY, STEPHEN, Catawissa, Columbia Co. *Ent.: Lepid.* C. Ex. Desires cocoons and larvæ of all the larger species.* Penn.

BALEN, A. D, Plainfield. *Algæ, Desmids, Mic., Crustacæ, Worms, Radiates, Sponges, Protozoa, Infusoria.** N.J.

BALENTINE, WILLIAM L., Mahanoy City, Schuylkill Co. *Bot.* C. Ex. Coal fossils. Penn.

BALL, Rev. E. H., Tangier, Halifax Co., N.S. *Phæn. Bot., Ferns of N. S.* C.* Canada.

BALL, JOSEPH P., 4533 Frankford Ave., Frankford, Phila. *Ool.** Penn.

BALLARD, H. H., Prin. Lenox Acad., Pres. of Agassiz Assoc., Lenox. *Bot., Min., Lithol.* C.* Mass.

BALLARD, Mrs. JULIA P., Easton. *Ent.: Lepid.* C. Ex.* Penn.

BALLOU, N. E., M.D., Sandwich. *Arch., Ichth., Meteo., Coleopt. of N. A.* Desires correspondence in relation to habits of beetles. C. Ex.* Ill.

BALLOU, WM. HOSEA, 105 Dearborn Ave., Chicago, Editor of the Chicago Mining Journal, and on Editorial Staff of the Inter-Ocean. *Orn., Ool., Eth., Emb., Geog., Dist., Bibliog., Ichth.* C.* Ill.

BANGS, C. FISK, North Lansing. *Ent.* Mich.

BANGS, Prof. GEO., Orlando, Orange Co. *Orn., Ool., (Florida Parrots).* C. Ex. Desires all kinds of Northern birds and eggs. Fla.

BANKS, CHARLES W., P. O. Box 1437, San Francisco. *Mic., Geol.* C.* Cal.

BANKS, W. F., Bellona, Yates Co. *Orn.* C.* N.Y.

BANNING, MARY E., Baltimore. *Fungi.** Md.

BANNISTER, HENRY M., M.D., Kankakee. *Palæo., Geol., Mic., Gen. Biol.* C.* Ill.

BANNISTER, MARSHALL J., Willimansett. *Ent., Tax.* Ex.* Mass.

BARBECK, WM., 1732 Wylie St., Philadelphia. *Crypt. Bot., Mic.* Penn.

BARBER, A. W., Yankton. *Moll.* C. Ex. F. W. Moll. for Marine. D.T.

BARBER, E. A., M.A., Station B., Philadelphia. *Arch., Eth. Specialty tobacco pipes.* Also desires information relating to the music and musical instruments of native American tribes. C. Ex.* Penn.

BARBER, S. W., 404 Market St., St. Louis.* Mo.

BARBOUR, Prof. O. F., Rockford. *Geol.** Ill.

BARDEEN, F. L., B.S., M.D., 30½ Meigs St., Rochester. *Min., Mic., Zool.* C. N.Y.

BARKER, Prof. GEO. F., Philadelphia. *Chem.** Penn.

BARKER, JOHN G., Lynn. *Horticulture, Cool House Orchids.* Mass.

BARKER, SAM'L J., Clifton Springs, Ontario Co. *Geol., Mic., Bot.* C N.Y.

BARLOW, J. G., Cadet, Washington Co. *Ent.: Coleopt., Hymenop.* C. Ex. Mo.

BARNARD, E. E., care of R. Poole, Nashville. *Ast.** Tenn.

BARNARD, F. A. P., D.D., LL.D., Pres. Columbia Coll., New York. *Math., Phys.* N.Y.

BARNARD, M. P., Kennett Square. *Orn., Ool.** Penn.

BARNARD, W. S., B.S., Ph.D. Prof. in Cornell University, Ithaca. *Zool., especially insects.* Ex. N.Y.

BARNES, A. E., Topeka. *Geol., Min., Crystal., Chem., Met.** Kan.

BARNES, CHAS. E., Reed City. *Arch., Geol.* C. Ex.* Mich.

BARNES, CHAS. R., Prof. Nat. Hist., Purdue Univ., LaFayette. *Bot.* C.* Ind.

BARNES, GEORGE WILLIAM, M.D., San Diego. *Geol., Meteo.** Cal.

BARNES, Mrs. Dr., 41 Green St., Syracuse. *Filices.* Ex. N.Y.

BARNES, WALTER, Prof. Worcester Free Inst., Worcester. *Min.** Mass.

BARNES, WM., Decatur. *Emb., Lepid.* C.* Ill.

BARNES, WILLIAM C., Westerly. *Orn., Ool., Tax.* C. Ex. Birds' eggs.* R.I.

BARNETT S., Jr., Washington. *Physics.* Ga.

BARNEY, M. L., Monticello. *Palæo.* C. Ex. L. Sil. fossils. Wis.

BARNS, Dr. JOHN, Milford. *Mic.** Mass.

BARNUM, MORGAN K., 94 E. Jefferson St., Syracuse. *Orn., Ool.* C. Ex. eggs in sets.* N.Y.

BARON, O. T., Mendocino City. *Ent., principally Lepid., Coleopt., Hymenop., Dipt.** Cal.

BARR, J. FRANK, 137 N. Charlotte St., Lancaster. *Ool.* C. Ex. Penn.

BARRETT, JNO. B., Jr., Wytheville, Wytheville Co., Box 111. *Orn., Ool.* C. Ex.* Va.

BARRETT, S. T., Port Jervis. *Geol., Palæo.** N.Y.

BARRETT, WM. C., M.D., 11 W. Chippewa St., Buffalo. *Mic., Histol., Experimental Physiol.** N.Y.

BARRINGER, WM., Bellefontaine, Logan Co. *Eth., Geol.* C. **Ohio.**
BARRIS, J. W., Frankfort. *Geol., Bot.* C. **N.Y.**
BARRIS, Rev. W. H.. Prof. Griswold Coll., Davenport. *Geol., Palæo.* **Ia.**
BARRON, ALFRED, Community, Madison Co. *Gen. Bot., Lichens and Mosses, Hort.** **N.Y.**
BARRON, MAUD K., Community. *Orn.** **N.Y.**
BARRON, THOMAS J., Lachute, Quebec. *Bot., Geol.* **Canada.**
BARROWS, NATHAN, M.D., Meriden. *Phæn. Bot.* **N.H.**
BARROWS, W. B., S.B., Westfield, Hampden Co. *Zool.* C.* **Mass.**
BARRY, W. C., Nurseryman, Rochester. *Bot.* **N.Y.**
BARTHOLOMEW, Rev. E. F., A.M., Prof. Phys. and Nat. Sci., Carthage Coll., Carthage.* **Ill.**
BARTHOLOMEW, ROBERT, 749 North 26th St., Philadelphia. *Coleopt.* C. Ex.* **Penn.**
BARTENWERFFER, O. A., B.S., Evansville.* **Ind.**
BARTLETT, ARTHUR K., Battle Creek, Astronomer, Author, and publisher of "Studies in Astronomy." Price 35 cents. Also lecturer on the Science of Astronomy. *Geol., Ast., Phys., Meteo.* C. Ex.* **Mich.**
BARTLETT, E. B., Vermillion, Oswego Co. **N.Y.**
BARTLETT, EDWARD P., La Moille, Bureau Co. *Bot., Min., Hymenop., Lepid., Dipt., Coleopt.* C. Ex.* **Ill.**
BARTLETT, Rev. E., North Weber St., Colorado Springs.* **Col.**
BARTLETT, EDWIN J., M.D., Assoc. Prof. of Chem., Dartmouth College, Hanover.* **N.H.**
BARTLETT, FRANK W., Atchison, Prin. High School. *Crypt. Bot., Ferns, Palæo., Ent. : Lepid.* C. Ex.* **Kan.**
BARTLETT, J. B., Jr., Wytheville. *Orn., Ool.* C. Ex.* **Va.**
BARTLEY, ELIAS HUDSON, B.S., M.D., Lecturer on Chem. L. I. College Hospital, Chemist to Health Dept. City of Brooklyn. *Chem., Elect., Mic., Phys.* C.* **N.Y.**
BARTOL, WILLIAM C., A.M., Prof. Math. and Ast., Univ. at Lewisburg. **Penn.**
BARTON, BOLLING W., M.D., 227 Maryland Ave., Baltimore. *Bot.* C. Ex.* **Md.**
BARTON, FRANK H., Connersville, Fayette Co. *Ool.* C. Ex. **Ind.**
BARTON, GEORGE H., No. Sudbury. *Geol., Min.* C. Address for two years, care Gov't Survey, Honolulu, S.I.* **Mass.**
BARTON, T. H., A.M., Connersville. *Con., Ool.* C. Ex. Desires shells of Pacific States. **Ind.**
BASS, W. L., Randolph. *Arch.* C. Ex. eggs, F. W. shells, and relics for stone implements. **Ia.**
BASSETT, DANIEL A., A.M., Prin. Prep. Dept. Wabash Coll., Crawfordsville. *Radiates.* Spec. *Crinoids.* C.* **Ind.**
BASSETT, FRANK L., Hammonton. *Bot.* C. Ex.* **N.J.**
BASSETT, HOMER F., Waterbury. *Ent.: Hymenop., Gall insects and their parasites.* C. Ex.* **Conn.**
BASSETT, WM. F., Hammonton. *Bot.* C.* **N.J.**
BASSLER, H. RUSSELL, Manhattan. *Bot.* Ex.* **Kan.**
BASSLER, THOMAS, Manhattan. *Bot.* Ex. **Kan.**
BASTIN, E. S., Prof. Bot., Univ. Chicago, Chicago. *Crypt. Bot., Veg. and Animal Phys.* C. Ex. Will ex. local fresh-water algæ, and lepidopterous insects for specimens from other localities in this country or abroad.* **Ill.**
BATES, FRANK A., So. Braintree. *Ool.* C. Curiosities, Dendrites, Geodes, etc. Wishes Indian, Aztec, and Danish Pictographs.* **Mass.**
BATES, GEORGE A., Salem. *Marine Invertebrates; Hydroid medusæ.* Desires spec. of Hydroids from all parts of the world, for which will ex. mic. preparations.* **Mass.**

BATES, J. ELWYN, Hawkinsville, Orange Co. *Lepid.* C. Ex.* Fla.
BATES, WILLIAM C., Sec. Nat. Hist. Soc., Newton. Mass.
BATTERMANN, H., 172 E. 80th St., New York. *Mic.* C. N.Y.
BATTERSHALL, FLETCHER W., 31 Lodge St., Albany. *Bot. Orn.* C. Ex.* N.Y.
BATTEY, T. J., Friends' School, Providence. *Bot., Min.* C. Ex.* R.I.
BATTLE, H. B. Chemist., Agric. Exper. Station, Raleigh. N.C.
BATTY, JOSEPH H., Parkville. *Tax., Orn., Ool., Zool.* N. A. mammals and birds, particularly those of the Plains and Rocky Mts. Foreign correspondence solicited in English. C. Ex.* N.Y.
BAUMBACH, M. von, Milwaukee.* Wis.
BAUSCH, EDW., B. and Lomb. Opt. Co., Rochester. *Mic.** N.Y.
BAUSCH, J. J., B. and Lomb. Opt. Co., Rochester. *Mic.** N.Y.
BAXLEY, WILLIAM T., 125 3d St., Oakland. *Coleopt., Hort.* C. Ex. for spec. from Africa, Brazil, and Arabia. Cal.
BAXTER, EDWARD K., M.D., Sharon, Windsor Co. *Bot., Min., Lithol., Mic. Orn.* C.* Vt.
BAXTER, FLORUS R., care of Vacuum Oil Co. (see Holland), Rochester. *Ent.* C.* N.Y.
BAYLIES, EDMUND L., Taunton. *Orn., Herpetol.* C.* Travelling until Oct., '83.* Mass.
BAYLISS, ALFRED, Sterling, Whiteside Co. *Min.* Ill.
BEACH, Hon. H., Prairie du Chien. *Min., Geol., Arch.* C. Ex.* Wis.
BEACH, Rev. J. WICKLIFFE, A.M., Windsor Locks. *Phæn. and Crypt. Bot., Ferns, Ast., Ent., Lepid.* C. Ex.* Conn.
BEACH, WILLIAM H., Beloit. *Mic.** Wis.
BEADLE, D. W., St. Catharine's, Ont. *Ent.** Canada.
BEADLE, Rev. H. H., Bridgeton. *Min., Con., Arch.* C. Ex.* N.J.
BEAL, Prof. F. E. L., Ames, Prof. of *Zool., Comp. Anat.*, Iowa Agric. Coll.* Ia.
BEAL, WILLIAM J., M.S., Ph.D., Prof. of Bot. and Hort., Agric. Coll., Lansing, *Phæn. Bot., Ferns, Mic.* C. Ex. grasses.* Mich.
BEALE, C. W., Vanderbilt Univ., Nashville. *Nat. Hist., Geol.* Tenn.
BEAN, F. E., Taxidermist, Medford. *Orn., Ool.* C. Ex. Mass.
BEAN, TARLETON H., M.D., Curator, Dept. of Fishes, U. S. Nat. Mus., Ed. Proc. Nat. Mus., Asst. U.S. Fish Comm., Smithsonian Inst., Washington. *Ichth. Alaska, Arctic, and deep-sea fishes.** D.C.
BEAN, THOMAS E., Galena. *Lepid.** Ill.
BEAN, WM. H., Lebanon, Warren Co. *Hort., Invert., Min., Arch., Moll.* C. Have L. S. fossils and local L. and F. W. shells for ex.* Ohio.
BEARCE, GIDEON, West Minot. *Min.* C. Ex.* Me.
BEARD, JOHN, Attica. *Gen. Nat. Sci.* C. Ex.* Ohio.
BEARDSLEY, A. E., B.S., Box 2636, Denver. *Min., Mic., Crypt. Bot.* C. Ex. Coll. Ferns and Minerals. Col.
BEARDSLEY, HENRY M., B.L. Asst. Chem. Lab. Ill. Industrial Univ., Urbana, Champaign Co. Ill.
BEATH, JAMES W., Lapidist, 111 So. 10th St., Philadelphia. *Min.* Will purchase minerals of good quality.* Penn.
BEATTIE, WILL. L., East Dubuque. *Geol.** Ill.
BEATTY, Prof. S. J., Biddle Univ., Charlotte. *Bot.* (local.)* N.C.
BEAUCHAMP, Miss VIRGINIA, Baldwinsville. *Ferns.* C. Ex * N.Y.
BEAUCHAMP, Rev. W. M., Baldwinsville. *Arch., Con., Bot.* C.* N.Y.
BEAVER, DANIEL, B.D., M.D., 31 North 5th St., Reading. *Phæn. Bot., Ferns.* C. Ex.* Penn.
BEBB, M. S., Rockford. *Bot.: Salices.* C.* Ill.
BECKER, G. F., Ph.D., U.S. Geologist, Oakland. *Mining Geol.* C. Cal.
BECKHAM, CHARLES WICKLIFFE, Bardstown, Nelson Co. *Orn., Ool.* C. Ex.* Ky.

BECKWITH, H. C., Passed Asst. Eng'r U.S. Navy, Chesterfield, New London Co. *Geol.* C.* Conn.

BECKWITH, WILL., Danville, Vermilion Co. *Arch.* C. Ex. Can furnish Crinoids from Keokuk group.* Ill.

BEDFORD, P. W., Prof. Pharmacy, Box 1738, New York. *Mic., Inorg. Chem.** N.Y.

BEEBE, WILLIAM, Tutor Yale College, 83 Wall St., New Haven. *Math., Ast.* Conn.

BEEBE, WILLIAM S., Major U.S. Army, 25 Grace Court, Brooklyn. *Anth., Bot.** N.Y.

BEECHER, CHARLES E., Asst. State Mus., Albany. *Palæo.* C. Ex. L. and F. W. shells and Palæo. fossils.* N.Y.

BEECHER, Prof. JOHN SLOCUM, Columbia. *Geol., Palæo., Moll.* C. Ex. Tenn.

BEECHER, L. T., Wellesville, Alleghany Co. *Palæo., Geol., Min.* C. Ex. N.Y.

BEEMAN, THOMAS W., M.D., Selby, Lenox Co., Ont. *Mam.* C. Ex. Canada.

BEHRENS, JAMES, Box 1173, San Francisco. *Coleopt., Lepid., Gen. Ent.** Cal.

BELFRAGE, G. W., Clifton, Bosque Co. *Gen. Ent.: Hymenop. and Coleopt. of the world.* C. Ex. Correspondence desired with collectors in foreign countries for the purchase or ex. of specimens, particularly tropical.* Texas.

BELL, Prof. ALEX. GRAHAM, Washington. D.C.

BELL, CHICHESTER A., M.B., 1221 Connecticut Ave., Washington. *Chem., Phys.** D.C.

BELL, Miss CLARA, Chicopee. *Bot., Ferns.* C. Ex. Mass.

BELL, Rev. GEORGE, B.A., LL.D., Walkerton, Ont. *Arch., Anth., Psychol., Geol.* Canada.

BELL, JAMES T., Prof. Mining and Agric., Albert Univ., Box 104, Belleville, Ont. *Geol., Zool.* Ex. Insects. Canada.

BELL, Prof. ROBERT, M.D., Senior Asst. Director Geolog. Surv. of Canada, Ottawa. *Geol., Zool., Am. Arch.* C. Ex.* Canada.

BELL, WILLIAM J., Valparaiso, Porter Co. *Geol.* C. Ex. Ind.

BEMENT, CLARENCE S., 1804 Spring Garden St., Philadelphia. *Min.* C. Desires to purchase unique or exceptionally fine crystallized minerals and rare species.* Penn.

BENDIRE, CHARLES E., Capt. 1st Cavalry, U.S.A., Fort *Klamath*, Lake Co., or care Adjutant-General U.S.Army, Washington, D.C. *Mam., Fossils, Fishes, Reptiles, Orn., Ool.* Ex. in Ool. only.* Ore.

BENEDICT, Prof. N. W., Prin. Rochester Free Acad., 21 East Avenue. *Mic.** N.Y.

BENJAMIN, M., Ph.B., F.C.S., 43 E. 67th Street, New York. *Chem., Min.* C.* N.Y.

BENNER, FRANKLIN, Minneapolis. *Orn., Ool.* C.* Minn.

BENNETT, A. A., Prof. Nat. Sci., Ia. Wesleyan Univ., Curator Museum, Mt. Pleasant. *Biol., Chem.** Ia.

BENNETT, H. P., St. Cloud. *Geol., Min., Tax.* C. Ex.* Minn.

BENNETT, JAMES, Leominster. *Min., Bot.* C.* Mass.

BENNETT, JAMES L., Providence. *Bot., Filices.* Ex. R.I.

BENNETT, JNO. C., Clevcland. *Geol., Min., Palæo., Arch.* C. Ex.* Ohio.

BENNETT, LORETTE C., Canton Point, Oxford Co. (Teacher.) *Bot., Geol., Min., Ast., Orn., Tax.* C. Ex.* Me.

BENSON, R. F., M.D., 76 Ferry St., Troy.* N.Y.

BENTON, EDWARD R., Ph.D., Prof. of Geol. in Univ. of Rochester, Rochester. *Geol., Lithol.* C. Ex.* N.Y.

BERENDSOHN, THEODOR, 88 Fulton St., New York. *Ent.* Dealer in Eggs, Larvæ, Pupæ, Cocoons.* N.Y.

BERGEN, Mrs. FANNY, Galesburg. *Bot., Mic.* C. Ex.* **Ill.**
BERGEN, J. Y., Jr., Galesburg. *Chem., Min., Geol.* C. Ex.* **Ill.**
BERING, J. EDW., C.E., Decatur. *Min., Geol., Chem.* C.* **Ill.**
BERLIN, A. F., Allentown. *Arch.* C.* **enn.**
BESSELS, Dr. EMIL, Smithsonian Institution, Washington. *Gen. Biol., Anth., Geography.** **D.C.**
BESSEY, CHAS. E., M.Sc., Ph.D., Prof. Bot., Iowa Agric. Coll., Ames. *Bot.* C. Ex. Desires parasitic fungi.* **Ia.**
BEST, W. F., St. John, N.B. *Analytical Chem.** **Canada.**
BETHUNE, Rev. CHAS. J. S., Trinity Coll. School, Port Hope, Ont. C. *Ent.* Especially in its practical relation to agric.* **Canada.**
BETZ, HERMAN, 1024 Second Ave., New York. *Gen. Bot.* C. **N.Y.**
BICKMORE, Prof. ALBERT S., Supt. Am. Mus. of Nat. Hist., 8th Ave. and 77th St., Central Park, New York. *Ethnology, Phys. Geography.* **N.Y.**
BICKNELL, EUGENE P., Riverdale-on-Hudson, N. Y. City. *Zool., Orn., Bot.* C.* **N.Y.**
BIDDLECOME, Miss H. J., Richmond. *Crypt. Bot.* C.* **Ind.**
BIDWELL, E. C., M.D., Vineland. *Mic., Fungi.** **N.J.**
BIGELOW, W. S., M.D., 60 Beacon St., Boston. *Surgery.* **Mass.**
BIGLER, EDWARD A., Auburn, Sangamon Co. *Bot., Lepid.* C. Ex.* **Ill.**
BIJETON, EDWARD, Medford. *Orn.* **Mass.**
BILLIN, CHARLES E., C.E., Illiana. *Geol., Engineering.** **Ill.**
BILLINGS, H., 13 High St., Worcester. *Mic.* **Mass.**
BILLINGS, HOSMER H., Elmira. *Ent., Orn.** **N.Y.**
BILLINGS, MELVIN O., Marion, Marion Co. *Arch., Geol.* C. Ex. Nat. Hist. or Arch. for Arch. Spec.* **Kan.**
BILLINGS, WALTER R., Ottawa. *Invert. Palæo.**. **Canada.**
BINGHAM, R., Camden. *Bot., Ent.** **N.J.**
BINGHAM, Mrs. R. F., Santa Barbara. *Bot.* C. Ex. **Cal.**
BINGHAM, R. S., Camden. *Mic.* **N.J.**
BINLEY, A. J., 221 First St., Albany. *Lepid., Coleopt.* C. Ex.* **N.Y.**
BINNEY, W. G., Burlington. *Am. Land Shells.* C.* **N.J.**
BIRDSALL, E. T., 107 East 70th St., New York. *Mic., Ent., Coleopt., Elect., Photography.* C. Ex. Insects and Mic.* **N.Y.**
BIRDSEYE, R. POMEROY, 24 Lansing St., Utica. *Nat. Hist.* C.* **N.Y.**
BIRGE, CHARLES P., Keokuk. *Geol.* C.* **Ia.**
BIRGE, EDW. A., Prof. Zool., Univ. Wis., Madison. *Zool., Crustacea.** **Wis.**
BISCOE, T. D., Prof. Nat. Sci., Marietta. *Bot.* C. **Ohio.**
BISHOP, CHAS. L., Jamestown. *Fungi, Vert. Palæo., Geol., Reptiles, Lepid., Radiates.* C. Numismatic. Ex.* **N.Y.**
BISHOP, JAMES N., Plainville. *Bot., Mic.* Preparing a work on the botany of Conn. C. Ex. Collector of living native plants. Parties desiring plants or minerals from this State in quantity will do well to write to me.* **Conn.**
BISHOP, M. E., M.D., South Haven. *Bot., Geol.* C. Ex. **Mich.**
BLACHLY, CHAS. P., Manhattan. *Orn., Tax.* C. Foreign ex. desired.* **Kan.**
BLACK, G. V., D.D.S., Jacksonville. *Mic., Histol., Pathol.* C. Ex. **Ill.**
BLACKBURN, EDWIN, cor. Bolton and Dolphin Sts., Baltimore. *Geol., Min., Bot.* C. Ex. **Md.**
BLACKFORD, E. G., 80 Fulton Market, New York. *Ichth.* C.* **N.Y.**
BLACKHAM, GEO. E., M.D., F.R.M.S., etc., Dunkirk. *Mic.* C.* **N.Y.**
BLACKWELL, WM. B., New Tacoma. *Mollusks.* C. **Wash. Ter.**
BLAIR, A. A., U.S. Geol. Survey, Newport. *Analyt. Chem.* **R.I.**
BLAIR, JOHN N., 19 Third St., Brooklyn. *Orn., Ool.* C.* **N.Y.**
BLAISDELL, FRANK E., Poway, San Diego Co. *Ent., Orn.* (local). C. Ex. in *Ool. and Coleopt.** **Cal.**
BLAISDELL, MRS. S. G., Poway, San Diego Co. *Ferns.* C. Ex.* **Cal.**

BLAKE, CHAS. A., 2346 Catharine St., Philadelphia. *Ent.* C.* **Penn.**

BLAKE, CLARENCE J., M.D., 226 Marlborough St., Boston. *Otology.* C. Requests reprints of otological papers for review department of the American Journal of Otology.* **Mass.**

BLAKE, F. C., Penn'a Lead Co., Mansfield Valley, Alleghany Co. *Chem. Metal.* C. Ex.* **Penn.**

BLAKE, JOSEPH, Andover. *Bot.* C. Ex. for Southern, Western or foreign.* **Mass.**

BLAKE, JOSEPH A., Box 115, New Haven. *Orn., Ool.** **Conn.**

BLAKE, J. HENRY, Zoological artist, 109 Ellery St., Cambridge. *Con.* C. Ex.* **Mass.**

BLAKE, JOHN M., Optician and Photographer, New Haven. *Chem, Optics, Scien. app. of Photog.** **Conn.**

BLAKE, PROF. J. R., Davidson College. *Phys.** **N.C.**

BLAKE, WM. P., Mill Rock, New Haven. *Geol., Min., Mining.* C.* **Conn.**

BLAKESLEE, E. A., Douglass, Knox Co.* **Ill.**

BLANCHARD, E. R., 424 Broadway, New York. *Phæn. Bot., Gen. Biol.** **N.Y.**

BLANCHARD, F., Box 827, Lowell. *Coleopt.* C. Ex.* **Mass.**

BLANCHARD, FERDINAND, M.D., Peacham. *Bot.* C. Ex. Can furnish specimens from Eastern Vt.* **Vt.**

BLAND, THOS., 45 & 47 Exchange Pl., New York. *Moll.* C.* **N.Y.**

BLASDALE, C., Jericho. *Mic.** **N.Y.**

BLATCHFORD, E. W., 375 La Salle Ave., Chicago.* **Ill.**

BLEASDELL, REV. WM., M.A., D.C.L., Trenton, Ontario. *Geol., Invert. Palæo., Arch., Orn., Geog. Dist., Ast.** **Canada.**

BLISS, FRANK T., Morris, Grundy Co. *Fossil Ferns from Mazon Creek, Grundy Co.* C. Ex. **Ill.**

BLISS, H. D., Holly, Orleans Co. *Orn.** **N.Y.**

BLISS, RICHARD, Jr., Newport. *Geog., Bibliog.** **R.I.**

BLOCHMAN, LUCIEN A., San Diego. *Con., Algæ.* C. Ex. Offers specimens found at San Diego or northern part of L. California.* **Cal.**

BLOCK, P. D., A.M., St. Vincent's Coll., Beatty. *Bot., Ent.* C. Ex.* **Penn.**

BLODGET, WALTER, Box 206, Providence. *Min.* C. Ex. Very fine double terminated crystals for ex. **R.I.**

BLODGETT, J. H., Rockford. *Geol.* C. Ex.* **Ill.**

BLOOD, CHAS. L., Taunton. *Tax., Orn.* Gen. collector for ex.* **Mass.**

BLUNT, W. G., Naturalist and Taxidermist, 813 Market St., San Francisco. *Orn.* **Cal.**

BLUTHNER, S., Lockeford, San Joaquin Co. *Coleopt.* C. Ex. **Cal.**

BOARDMAN, E. O., M.D., Osceola, Stark Co. *Bot., Orn., Ool.* C. Ex. in woods a specialty.* **Ill.**

BOARDMAN, E. R., M.D., Elmira. *Bot., Ent.* C. Ex. Am. plants and Coleoptera for European.* **Ill.**

BOCK, GEORGE, Hamilton. *Bot., Ent.* **Ohio.**

BOCK, H. P., London, Ontario. *Ent.* C.* **Canada.**

BODLEY, A. R., M.D., Rav, Steuben Co. *Geol., Min., Palæo., Arch., Ent.* C. Ex. Fossils for Indian relics.* **Ind.**

BODLEY, G. M., Battle Creek. *Ent.* C. Ex. **Mich.**

BOERNER, CHAS. G., Vevay, Switzerland Co. *Ast., Met., Mic., Geol., Bot.* C. Ex.* **Ind.**

BOGERT, E. C., 128 Lexington Ave., New York. *Microscopy.* **N.Y.**

BOISEN, HERMANN B., A.M., Bloomington. *Hort.* C. Ex. **Ind.**

BOLANDER, HENRY N., San Francisco. *Bot.* **Cal.**

BOLLES, Rev. E. C., Salem. *Crypt. Bot., Mic.* C. **Mass.**

BOLLES, W. P., M.D., 571 Dudley St., Dorchester. *Bot.* C.* **Mass.**

BOLTER, A., 172-4 Van Buren St., Chicago. *Ent.* C. Ex.* Ill.

BOLTON, DAVID A., A.M., Prof. Math. and Ast. E. Tenn. Wesleyan Univ., Athens. Tenn.

BOLTON, H. CARRINGTON, Ph.D., Prof. Chem. Trinity Coll., Hartford. *Chem.** Conn.

BOLTON, JOHN, 49 Huntington St., Cleveland. *Ent., Mic., Geol.* C. Ex. Ohio.

BOLTON, Mrs. THOMAS, Jr., West Farms Station, N. Y. City. *Min., Geol.* C. Ex.* N.Y.

BOLTON, W. P., Liberty Square. *Bot., Min., Geol., Orn.* C. Ex.* Penn.

BOLTWOOD, HENRY L., Ottawa, La Salle Co. *Bot.* C. Prairie plants for ex.* Ill.

BOLZE, Prof. GUSTAVE, New Haven. *Lepid., Coleopt.* C.* Conn.

BONBRIGHT, Maj. STEPHE S., Prof. Bonbright's Museum, Des Moines. *Orn., Ool., Strat. Geol., Crystal., Paleo., L. and F. W. Shells.* War and Historical relics. Ia.

BOND, JOSIAH, Jr., Kenosha. *Bot., Geol., Min., Eth.* C. Ex.* Wis.

BONNEY, Mrs. SARAH E., Sterling. *Orn., Ool., Tax.* C. Ex.* Mass.

BONTE, Rev. J. H. C., University, Berkeley. *Mic., Meteo.** Cal.

BOOKER, W. D., M.D., 152 Madison St., Baltimore. *Gen. Biol., Hist. of Vert.* Md.

BOOTH, JAMES C., Melter and Refiner, U.S. Mint, Philadelphia. *Chem.** Penn.

BOOTH, M. A., Longmeadow. *Marine Algæ, Diatoms, Gen. Mic.* C. Ex. Wanted diatomaceous and other material (prepared preferred) from all parts of the world.* Mass.

BOOTH, S. C., Longmeadow, Hampden Co. *Nat. Hist.* C. Ex. Mass.

BOOTT, WILLIAM, Boston. *Carices.* Mass.

BORCHERDT, RUDOLF, 282 Sixteenth St., Denver. *Tax.* Proprietor Denver Sci. Mus. Will always buy choice and showy minerals.* Col.

BORDEN, JAMES E., Trenton Falls. *Paleo.* C. N.Y.

BORDEN, WILLIAM W., Asst. Geolog. Surv., New Providence, Clark Co. *L. & U. Silurian and Devonian Corals* for ex. Ind.

BORGSTROM, E. W., Des Moines. *Botany.** Ia.

BORING, C. O., 247 Monroe St., Chicago. *Fungi.* Ill.

BOSHART, C. F., Lowville. *Orn., Ool., Ent., Bot.* C. Ex.* N.Y.

BOSS, LEWIS, Asst. Dir. Dudley Observatory, Albany. *Ast.** N.Y.

BOSSEMEYER, J. F., Dixon. *Ent.* C. Ex.* Ill.

BOTSFORD, ANSON H., Kibby, Cass Co., North Dakota. *Arch., Fossils and Minerals.* C. Corals and marine specimens wanted. Correspondence solicited.* Dak.

BOUDWIN, GEORGE, 3837 Frankford Road, Station F, Philadelphia. *Orn.* C. Ex. Penn.

BOUGHTON, Rev. C. M., Waterloo, Seneca Co. *Geol., Arch.* C. Ex.* N.Y.

BOURLAND, A. M., M.D., Van Buren, Crawford Co. *Geol., Mic.* Ark.

BOURQUIN, FRED., Camden. *Bot.** N.J.

BOUTELLE, Capt. CHAS. O., U. S. Coast Survey, Norfolk. Va.

BOUTWELL, W. L., B.S., Leverett. *Bot.: Ferns.* C. Ex.* Mass.

BOUVÉ, THOMAS T., 18 Post Office Sq., Boston. *Min., Bot.* C.* Mass.

BOWDITCH, FRED. C., Box 615, Brookline. *Coleopt.* C. Ex. Mass.

BOWDITCH, H. P., Prof. Physiol. Harvard Med. School, Boston. *Phys.** Mass.

BOWEN, EDW. S., Pawtucket. *Min., Ent.* C. Ex.* R.I.

BOWEN, HENRY, Columbia Coll. *Chem.** N.Y.

BOWER, ANNIE C., Lincoln Univ., Chester Co. *Zool., Spec. Arachnida.** Penn.

BOWER, W. J., Watkins, Benton Co. *Geol.* C. Ex. Ia.

BOWERS, DANA L., L.B. 794, Natick. *Mosses, Fungi, Min., Vert., Ent., Moll.* C. Ex. Mass.

BOWERS, JOHN S., 315 Superior St., Cleveland. *Microscopy.* **Ohio.**
BOWERS, Mrs. MAGGIE, Falls City. *Bot.* C. Ex.* **Neb.**
BOWERS, Rev. STEPHEN, Ph.D., The Weekly Observer, Falls City. *Geol., Min., Arch., Palæo., Ter. Moll., Mic.* C. Ex. for good specimens.* **Neb.**
BOWLER, E. S., 97 Ohio St., Bangor. *Tax., Orn., Ool.* C. Ex. Coast birds in flesh to sell or ex.* **Me.**
BOWLES, GEORGE H., 70 State St., Chicago. *Gen. Zool., Geol., Mic., Ent.* C.* **Ill.**
BOWLES, G. I., 1466 St. Catharine St., Montreal. *Ent.: Lepid., Neuroptera.* C. **Canada.**
BOWMAN, GEO. A., Vienna, Fairfax Co. *Met., Min.* C. Ex.* **Va.**
BOWMAN, R. B., 89 W. Pearl St., Cincinnati. *Palæo.. Min.* **Ohio.**
BOWSLAUGH, E. W., Grimsby, Ontario. *Bot.* **Canada.**
BOYCE, Mrs. A. A., Santa Barbara. *Moll.* **Cal.**
BOYCE, JOHN J., Santa Barbara. *Orn., Ool.* **Cal.**
BOYCE, Dr. L. R., Albany. *Microscopy.* **N.Y.**
BOYCE, THOS. E., Middlebury. *Bot.* C. Ex.* **Vt.**
BOYD, C. R., C. & M.E., Wytheville. *Geol., Min., Chem., Phys.* C.* **Va.**
BOYD, J. T., Cornwall, Lebanon Co. *Min.* C. Ex.* **Penn.**
BOYD, S. B., M.D., Knoxville. *Ent.* C. Ex. **Tenn.**
BOYDEN, GEORGE E., Box 1209, Worcester. *Mic.** **Mass.**
BOYNTON, Dr. C. H., Lisbon. *Min., Mic., Zool.* C. Ex.* **N.H.**
BOYNTON, CHAS. S., M.D., Brandon. *Bot., Inorg. Chem., Mic.* C. Ex.* **Vt.**
BRACKENRIDGE, H. M., Natrona. *Chem.** **Penn.**
BRACKETT, Dr. J. E., 31 B St., S. E., Washington. *Mic.* **D.C.**
BRACKETT, S. H., A.M., Prof. Nat. Sci., Academy, St. Johnsbury. *Phys., Tax.* C. Ex.* **Vt.**
BRADDOCK, W. L., Springfield. *Orn.* **Ill.**
BRADY, JOHN, Aledo, Mercer Co. *Moll., Arch.* Miss. river shells in ex. for Helix.* **Ill.**
BRAGG, CHAS. ST., Silver Cliff. *Chem., Min., Assaying.* C. Ex. **Col.**
BRAGG, EVERETT B., 84 Broad St., New York. *Chem., Nat. Hist.* C.* **N.Y.**
BRAGG, L. C., Silver Cliff. *Invert. Zool.* C. Ex. **Col.**
BRAINBRIDGE, E. C., St. Augustine. *Ast.* **Fla.**
BRAINARD, CHAS. ROLLIN, A.M., Cur. Boston Coll. Museum, 13 Pemberton Square, Boston. *Arch., Zool.* C. Ex.* **Mass.**
BRAINERD, EZRA, Prof. Middlebury Coll., Middlebury. *Bot.* C. Ex. for good specimens only.* **Vt.**
BRAMAN, BENJ., 117 E. 30th St., New York, Pres. N. Y. Mic. Soc. *Mic., Bot., Ent.** **N.Y.**
BRAMAN, CHAS. B., Brockport, Monroe Co. *Orn., Tax., Ent.: Lepid.* C. Ex. especially in Orn. skins fit for mounting.* **N.Y.**
BRAMAN, HERBERT D., Box 501, Worcester. *Moll.* Ex. for Worcester Nat. Hist. Soc. **Mass.**
BRAMBLE, D. D., M.D., Cincinnati. *Surgery.** **Ohio.**
BRAND, JUNIUS A., Norwich. *Orn., Ool.** **Conn.**
BRANDEGEE, T. S., Canyon City. *Bot.* C. **Col.**
BRANDENBURG, CHAS. A., Indianapolis. *Microscopy.* **Ind.**
BRASHEAR, JOHN A., Manufacturer of Silvered Glass Reflecting Telescopes and Specula, 3 Holt St., head of 22d, South side, Pittsburg. *Phys., Ast.** **Penn.**
BRASTOW, S. D., care Wells, Fargo & Co., San Francisco. *Palæo., Min.* C. Ex.* **Cal.**
BRAUN, FRED., 55 Canal St., Cincinnati. *Palæo., Min., Arch.* Ex. **Ohio.**
BRAY, Mrs. ALEX. D., W. Gloucester. *Nat. Hist.** **Mass.**
BRAY, FRANK E., 45 Fort Ave., Boston Highlands. *Orn., Ool., Tax.* C. Ex.* **Mass.**

BRAY, Mrs. MARIA H., West Gloucester. *Marine Algæ.* C. Ex.* **Mass.**

BRAYMER, F. H., West Pawlet. *Palæo., Geol., Min., Orn., Ool., Con.* C. Ex. Geological Fossils, American and African Iron Ores, Marble and Slate specimens in sets, and minerals from this locality. Desires mound relics, Indian pottery and good minerals and crystals.* **Vt.**

BRAYTON, A. W., M.D., M.S., Prof. Chem. and Toxicol. Central Coll. Phys. and Surgeons, Indianapolis. **Ind.**

BREARLEY, W. H., Office Detroit Evening News, Detroit.* **Mich.**

BREEDON, JACOB, Adrian. *Ast., Meteo.* **Mich.**

BREIDENBAUGH, EDWARD S., A.M., Prof. Chem. and Min. Penn. Coll., Gettysburg. **Penn.**

BRENDEL, EMIL, M.D., Cedar Rapids. *Hymenop., Coleopt., Orthop.* C.* **Ia.**

BRENDEL, FRED., M.D., Peoria. *Bot., Meteo., Osteol., Geog. Distn.* C. Ex.* **Ill.**

BRENEMAN, A. A., Prof. Ind. Chem. Cornell Univ., Ithaca. *Indust. and Sanitary Chem.* **N.Y.**

BRETT, FRANK W., South Hingham. *Bot., Ferns and Mosses, Min. Crystals.* Will exchange for rare or peculiar specimens.* **Mass.**

BREVOORT, J. CARSON, Brooklyn. *Ichth.* **N.Y.**

BREWER, WM. H., Prof. Agric. Sheffield Scientific School, Yale Coll., New Haven. *Bot., Mic., Phys., Geog., Heredity.* **Conn.**

BREWSTER, A. R., 1065 Bluff St., Dubuque. *Geol., Palæo.* F. W. Shells, specially Fossils of Galena Limestones. C. Ex.* **Ia.**

BREWSTER, WM., 61 Sparks St., Cambridge. *Orn., Ool.* C. Ex. for first class specimens only.* **Mass.**

BRIDGHAM, Mrs. S. W., 24 Waverly Place, New York. *Lepid.* **N.Y.**

BRIGGS, CHAS. E., Norwich, New London Co. *Invertebrates, Min., Moll.* C. Ex.* **Conn.**

BRIGGS, CHAS. S., M.D., Nashville. *Microscopy.* **Tenn.**

BRIGGS, Mrs. SAMUEL, 73 Huntington St., Cleveland. *Ent.: Lepid.* C.* **Ohio.**

BRIGGS, S. A., 10 Courtlandt St. (C. H. Dehamate & Co.), New York. *Diatoms, Desmids, Mic.* C. Ex.* **N.Y.**

BRIGHAM, ALMA S., Springfield. *Bot.** **Mass.**

BRIGHAM, GEORGE L., Bolton. *Orn., Ool., Ent.* C. Ex.* **Mass.**

BRIGHAM, WILLIAM T., 95 Milk St., Boston. *Anth.* C.* **Mass.**

BRINTON, J. BERNARD, 755 Corinthian Ave., Philadelphia. *Phæn. Bot.* C. Ex.* **Penn.**

BRITAIN, WILLIAM C., 135 Cass St., Detroit. *Mic., Histol.* C. Ex. **Mich.**

BRITTAIN, JOHN, Petitcodiac, New Brunswick. *Botany.** **Canada.**

BRITTON, J. BLODGETT, 339 Walnut St., Philadelphia. *Chem.* **Penn.**

BRITTON, N. L., E.M., Ph.D., Asst. in Geol., School of Mines, Columbia Coll., New York. Botanist, Geol. Surv. of New Jersey. *Bot., Geol.* C. Ex.* **N.Y.**

BROAD, WALLACE, A.B., Geol. Surv., Ottawa. *Geol., Lithol., Mic.* Ex.* **Canada.**

BROADHEAD, GARLAND C., Pleasant Hill, Cass Co. *Geol., Bot., Arch.* Coll. in Palæo., Bot., Min., Con.* **Mo.**

BROADHEAD, L. W., Delaware Water Gap. *Indian relics.* **Penn.**

BROCKLESBY, JOHN, LL.D., Prof. Nat. Philos. and Ast. Trinity Coll., Hartford. **Conn.**

BRODIE, WILLIAM, 325 Parliament St., Toronto. *Bot., Herpetol., Ent., Coleopt., Hymenop., Moll.* C. Ex. **Canada.**

BRODIE, WILLIAM A., Turtle Mountain, N.W.T. *Orn., Ool., Herpetol., Zool.* C. Ex.* **Canada.**

BROHM, THEODORE, North Western Univ., Watertown. *Mic.* **Wis.**

BROOKS, CHARLES WOLCOTT, Union Club, San Francisco. *Eth.** Cal.
BROOKS, CHRISTOPHER C., 153 McCulloh St., Baltimore. *Mic., Min.* C.* Md.
BROOKS, ELISHA, 1725 Sutter St., San Francisco. *Ferns.* C. Ex.* Cal.
BROOKS, E. C., Box 15, Mt. Auburn. *Microscopy.** Mass.
BROOKS, Major THOMAS B., Newburgh. *Geol., Lithol., Eth. Pueblo Indian Pottery, Navajo Tilmas.* to ex. C.* N.Y.
BROOKS, W. K., Associate in Biology; and Director Marine Laboratory of Johns Hopkins Univ., Baltimore. *Zool.** Md.
BROOKS, W. R., D.D., Madison Univ., Hamilton. *Geol., Zool., (Invert.)* N.Y.
BROOKS, WILLIAM R., Red House Observatory, Phelps. *Ast., Mic.** N.Y.
BROSS, MASON, 550 Dearborn Ave., Chicago. *Phæn. Bot., Ferns, Mic.* C. Ex.* Ill.
BROUS, H. A., M.D., 4445 Frankford Ave., Philadelphia. *Coleoptera.* C.* Penn.
BROUS, WILBER J., Manhattan, Riley Co. *Palæo., Geol.* C. Ex. Kan.
BROWN, ADDISON, 233 E. 48th St., New York. *Bot.* C. Ex. N.Y.
BROWN, ALBERT D., Princeton. *Nat. Hist.* N.J.
BROWN, ALBERT P., Ph.D., 501 Federal St., Camden. *Chem., Ent., Mic.* C. Ex.* N.J.
BROWN, ARTHUR EDWIN, Supt. Zool. Garden, Philadelphia. Penn.
BROWN, CHARLES L., Esperance, Schoharie Co. *Orn., Ool.* C. Ex. N.Y.
BROWN, CLARK D. W., Aurora, Kane Co. *Zool.* C. Ex.* Ill.
BROWN, C. S., 117 Park Ave., Chicago. *Ent.* C. Ex.* Ill.
BROWN, Mrs. EVA M., Red Bank. *Min., Geog.* Ex. N.J.
BROWN, FRANK D., Esperance, Schoharie Co. *Orn., Ool.* C. Ex. N.Y.
BROWN, F. W., Glen Rock. *Min., Fossils, Coins, Mound Builders' Relics.* C. Ex.* Penn.
BROWN, GEO. C., D.D.S., Elizabeth. *Orn., Ool., Ent.* C.* N.J.
BROWN, Miss HATTIE F., 35 Blackstone St., Cambridgeport. *Bot.** Mass.
BROWN, HORACE, Salem. *Arch. and Exploration.* C. Ex.* Mass.
BROWN, JOHN J., M.D., Sheboygan. *Con., Bot.* C. Ex.* Wis.
BROWN, JOS. S., 82 Pierrepont St., Brooklyn. *Herpetol., Gen. Nat. Hist.* C. Ex.* N.Y.
BROWN, LEE E., M.S., Hillsdale. *Palæo.* Instructor in Palæo. Cur. Coll. Museum. Ex. Palæo. fossils. Desires Silurian Catskill.* Mich.
BROWN, MERTON W., Herkimer Co. *Ool.* C. Ex. Desires Southern and Western for local species. N.Y.
BROWN, NATHAN CLIFFORD, 85 Vaughan St., Portland. *Orn.* C.* Me.
BROWN, R. H., Mattoon. *Min., Geol., Arch., Anth., Mic.* Spec., *Herpetol., Ent. L. and F. W. Shells.* Ex. C. Desires to exchange Northern for Southern specimens of reptiles.* Ill.
BROWN, R. J., Sec. Acad. Sci., Pres. Kansas Pharmaceutical Association, Leavenworth.* Kan.
BROWN, R. T., M.D., Indianapolis. *Arch.** Ind.
BROWN, R. WILLIS, Keyport. *Phæn. Bot.* C. N.J.
BROWN, S. C., Smithsonian Institution, Washington. *Herpetology.* D.C.
BROWN, WM., Hyde Park, Ont. *Arch., Geol.* C. Ex. Canada.
BROWN, WM., Rock Falls, Whiteside Co. *Orn.* Ill.
BROWN, W. E., M.D., Gilbertville. *Min., Mic., Bot.* C. Ex. Mass.
BROWN, WILLIAM G., B.S., Prof. Chem. and Min. University of Tenn., Knoxville. Tenn.
BROWN, WM. H., M.D., Cedarville, Herkimer Co. *Con.* C. Ex. 500 dup. species of L., F. W. and Marine Shells for ex. Will name N. A. Land and F. W. shells.* N.Y.

BROWN, W. O., M.D., Providence. *Bot., Geol., Min.** R.I.

BROWNE, FRANK C., Framingham. *Orn., Numis.* C.* Mass.

BROWNE, GEO. E., Dedham. *Nat. Hist., Tax.* C. Ex. Mass.

BROWNELL, Rev. J. T., Mansfield. *Mic., Ast., Bot., Anat., Philol., Bibliog.** Penn.

BROWNELL, W. A., A.M., Ph.D., High School, Syracuse. *Geol., Min.* C. A large and extensive list of fossils and minerals from Am. and Europe, for ex., and for sale.* N.Y.

BRUCE, DAVID, Brockport, Monroe Co. *Orn., Ent., Bot., Con.* C. Ex. for fertile eggs of lepidoptera.* N.Y.

BRUNER, LAWRENCE, West Point, Cuming Co. *Ent.* Specialty *Orthop., Orn., Tax.* C. Ex* Neb.

BRUNNER, D. B., A.M., 1405 Perkiomen Ave., Reading. *Min., Arch., Mic.* C. Ex. Penn.

BRUSH, GEO. J., Prof. Min. Yale College, New Haven. *Min.* C.* Conn.

BRYAN, CHAS. H., L.B. 21, Findlay. *Geol., Min., Arch.* C. Ex.* Ohio.

BRYANT, D. S., 8 Davis St., San Francisco. *Orn.* C.* Cal.

BRYANT, FRED. J., Norwich. *Bot.* C. Ex. N.Y.

BRYANT, F. W., Teacher, 25th Ward, Cincinnati. *Con.* C. Ex. Ohio.

BRYANT, W. E., 8 Davis St., San Francisco. *Orn., Ool., Tax.* C.* Cal.

BRYANT, WM. M., St. Louis. *Physics.** Mo.

BRYSON, GEO. EUGENE, Box 116, Orlando, Orange Co. Editor of "*The Florida*" *General Natural History*. C. Ex. Will exchange the Indian Relics and Natural Curiosities of Florida for minerals, shells, fossils, etc., from all parts of the world. Also, will ex. publications. Wishes a few foreign correspondents in the Spanish language.* Fla.

BUCHANAN, ANDREW H., Lebanon, Wilson Co., Prof. Math. Cumberland Univ. *Physics, Math., Mic., Meteo., Ast.** Tenn.

BUCK, H. C., College Hill. *Phys.* Mass.

BUCK, STUART M., Mining Engineer, Coalburg.* W.Va.

BUCKHAM, JAS. N., Ph.C., M.D., Flint. *Bot., Orn., Ool.* C. Ex.* Mich.

BUCKHOUT, WM. A., Prof. Bot. and Hort., State College, Center Co. *Bot., Ent.* C.* Penn.

BUCKLEY, Prof. SAM'L B., A.M., Ph.D., State Geologist, Austin. *Bot., Ent.: Formicidæ, Palæo.* C. Ex. Texas.

BUDD, LEWIS B., Kansas City. *Palæo., Geol., Min.* C. of fossils. Ex.* Mo.

BULL, WILLIAM T., M.D., Columbia Coll., New York. *Anat.* N.Y.

BULLOCH, W. H., Manufacturer of Microscopes, 99–101 W. Monroe St., Chicago. *Optics.* C.* Ill.

BULLOCK, C., 528 Arch St., Philadelphia. *Chem.** Penn.

BUMPUS, HERMON C., Brown Univ., Providence. *Orn., Ool., Osteol.* C. Ex.* R.I.

BUNDY, W. F., M.D., Merrimac, Sauk Co. *Bot.: Fungi., Zool., F. W. Crustacea, Mic.* C. Ex. Wis.

BUNKER, F. S., Cambridge, Somerset Co. *Bot.* C. Me.

BUNKER, ROBERT, 14 Jay St., Rochester. *Ent.: Lepid., Diptera.** N.Y.

BUNN, GEORGE B., 320 Belgrade St., Philadelphia. *Ent.: Coleopt., Lepd.* C. Ex.* Penn.

BUNN, JACOB G., 320 Belgrade St., Philadelphia. *Coleoptera.* C. Ex.* Penn.

BUNN, W. C., 320 Belgrade St., Philadelphia. *Ent.* C. Ex.* Penn.

BURBANK, C. O., Medford. *Orn.* Mass.

BURCHFIELD, S. E., M.D., Tarentum. *Bot.* C. Ex.* Penn.

BURDGE, Miss LOTTIE, Cape Girardeau. *Palæo., Min.* C. Ex.* Mo.

BURDICK, A. HALL, Prin. Wilson Union School and Academy, Wilson, Niagara Co. *Bot.* N.Y.

BURDICK, E. A., Pension Office, Washington. *Mic.* C. Ex. D.C.

BURDICK, JUSTIN H., M.D., Utica, Dane Co. *Bot.* C. Ex* Wis.

BURGESS, EDWARD, Sec'y Nat. Hist. Soc., Boston. *Anat., Ent.** Mass.

BURGESS, EDWARD SANDFORD, A.B., Johns Hopkins Univ., Baltimore. *Bot.* C. Ex.* **Md.**

BURGESS, ROBERT, Ames, Story Co. *Bot.* C. Ex.* **Ia.**

BURGESS, T. C., Clinton, Oneida Co. *Bot., Min., Ent.* C. Ex.* **N.Y.**

BURGESS, THOMAS J. W., M.D., Asst. Supt. Asylum for Insane, London, Ont. *Bot., Can. Phœnogams and N. A. Crypt.* C. Ex.* **Canada.**

BURKE, Rev. JESSE T., Clarkesboro'. *Biol.* **N.J.**

BURKE, JOSEPH CHESTER, A.M., Teacher Nat. Sci. Lasell Seminary, Auburndale. *Geol., Zool.** **Mass.**

BURKET, N. K., Keokuk. *Palæo.* **Ia.**

BURLAND, JEFFREY H., B.A., Sc. British Am. Bank Note Co., Montreal, Quebec. *Min., Pract. Chem., Invert.* C. Ex.* **Canada.**

BURMEISTER, C. H. L., Oregon City. *Arch., Geol.* **Ore.**

BURNETT, H. S., Kendall, Orleans Co. *Phæn. Bot., Ferns., Ent.* C. Ex.* **N.Y.**

BURNEY, Prof. WM. B., Ph.D. Univ. of S.C., Columbia. *Min., Chem., Met.* C.* **S.C.**

BURNHAM, J. P., 456 W. 15th St., Chicago, Prof. of *Experimental Physics, Mic., Fungi.** **Ill.**

BURNHAM, Miss SARAH M., East Cambridge. *Geol., Min.* C.* **Mass.**

BURNHAM, S. W., 8 Vincennes Ave., Chicago. *Ast.** **Ill.**

BURRILL, T. J., Prof. Bot. Ill. Indust. Univ, Urbana. *Gen. Bot., Fungi, Mic.* C. Wishes to exchange parasitic fungi of the world.* **Ill.**

BURROUGHS, JOHN, Esopus-on-the-Hudson. *Orn.* **N.Y.**

BURROUGHS, Dr. J. B., 112 S. Salina St., Syracuse. *Mic.* **N.Y.**

BURROWES, J. C., 523 E. King St., Lancaster. *Bot., Orn.* C. Ex.* **Penn.**

BURT, E. A., E. Galway. *Bot.: Phænogams, Lichens.** **N.Y.**

BUSEY, Prof. SAMUEL C., M.D., 1525 I St., N. W., Washington. *Medicine.** **D.C.**

BUSH, Mrs. A. E., Curator State Normal School Museum, San Jose. *Con., Min., Marine Algæ., Palæo., Ent., Moll.** **Cal.**

BUSH, BENJAMIN F., Detroit. *Min., Arch.* C. Ex. few specimens Chalcedony and Silver ore.* **Mich.**

BUSH, C. G., Providence. *Microscopy.* **R.I.**

BUSH, Miss JENNIE R., San Jose. *Ent.* C. Ex. **Cal.**

BUSH, WALTER D., Wilmington. *Orn., Ent.* C. Ex. **Del.**

BUSHEE, JAMES, Prof. Chem. and Phys., Woonsocket. *Chem., Phys., Min., Geol.* C. Ex. **R.I.**

BUTLER, AMOS W., Sec. Soc. Nat. Hist., Brookville. *Orn., Con.* C. Ex. for spec. and publications relating to specialties. Desires correspondents in each of the United States and in all foreign countries.* **Ind.**

BUTLER, CYRUS W., Anna, Union Co. *Gen. Zool., Tax., Osteol.* Ex. birds' skins.* **Ill.**

BUTLER, GEORGE D., Oro Fino, Siskiyou Co. *Bot., Min., Chem.* C. Ex.* **Cal.**

BUTLER, W. S., M.P.P., Queen's Co.., New Brunswick. *Bot.** **Canada.**

BUTT, CECIL G., Elizabeth City. *Lepid.* C. Ex. **N.C.**

BUTTERFIELD, W. WEBSTER, M.Sc., M.D., Prof. of Human and Comparative Histology and Microscopical Technology in Central Coll. of Physicians and Surgeons, Indianapolis. *Vegetal Histology.** **Ind.**

BUTTERFIELD, Mrs. ZULA N., Indianapolis. *Protophyta, Zygasporeæ.** **Ind.**

BUTTE, ELWIN, Giard, Clayton Co. *Fossils and Minerals.* C. Ex*. **Ia.**

BUTTON, FRED. L., 859 Broadway, Oakland. *Con., Moll.* C. Ex.* **Cal.**

BUTTON, HENRY M., Norwich. *Ent., Geol.* **N.Y.**

BUTTS, GUSSIE E., Union. *Bot.* C. Ex. **Ill.**

BUZBY, F. T., South Bend. *Orn.* C. Desires to ex. for Fla. or other spec.* **Ind.**

BYERLY, WILLIAM E., Prof. Math. Harvard Coll., Cambridge. **Mass.**
BYERS, WM. N., Denver. C.* **Col.**
BYRKIT, J. W., Michigan City, Laporte Co. *Tax., Coleopt., Moll.* C. Ex.* **Ind.**
BYRNES, R. M., M.D., cor. 5th and Race Sts., Cincinnati. *Palæo., Min., Arch., Con.* C. Ex. **Ohio.**
BYRNES, THOMAS, M.D., Walcott, Scott Co. *Min.* C.* **Ia.**

C.

CABEEN, T. B., Keithsburg, Mercer Co. *Arch., Palæo.* C. Ex.* **Ill.**
CABELL, JAMES ALLSTON, C.E., M.E., B.S., Richmond. *Diatoms, Geol., Min., Chem. Spec. fossils, ores, minerals of Va. and W. Va.* C. Ex.* **Va.**
CADY, N. W., M.D., Logansport. *Medical Mic.** **Ind.**
CAFFREY, G. W., Bethlehem. *Econ., Ent.: Coleopt.* C. Ex.* **Penn.**
CAIN, JOSEPH, West Hingham. *Min., Ast. Bot.** **Mass.**
CALDER, EDWIN E., Analyt. and Consult. Chemist, Board of Trade, Providence. *Chem., Ent.: Lepid., Coleopt.* C. Ex.* **R.I.**
CALDWELL, G. C., Ithaca. *Chem.** **N.Y.**
CALDWELL, J. E., B.Ph., M.D., Nebraska City *Bot.* C. Ex. for medical plants not found in Iowa.* **Neb.**
CALDWELL, J. G., Jr., Jeffersonville, Clark Co. *Palæo.* C. Ex.* **Ind.**
CALDWELL, Rev. LISLE B., M.D., Ph.D., Prof. Physics E. Tenn. Wesleyan Univ., Athens, McMinn Co. *Bot., Geol., Chem.* C. Ex.* **Tenn.**
CALKINS, MARSHALL, A.M., M.D., 185 State St., Springfield. *Phys., Mic., Anat.* C.* **Mass.**
CALL, Prof. R. E., Des Moines. *Geol., Invert. Palæo., Comp. Anat., N. A. Mollusks.* C. Ex. Desires Unionidæ. **Ia.**
CALLENDER, JOHN H., M.D., Prof. Physiol. Vanderbilt Univ., Nashville. **Tenn.**
CALLENDER, T. O., 216 Union St., Brooklyn. *Ool.* C. Ex.* **N.Y.**
CALVIN, SAMUEL, Prof. Nat. Sci. Iowa State Univ., Iowa City. *Geol., Zool.* C. Ex. for Invertebrate Fossils.* **Ia.**
CAMERON, ALEX. G., Newtown, St. Mary's, Guysboro' Co., N.S. *Bot.* C. Ex. **Canada.**
CAMERON, Rev. JAMES, 95 Avenue D, New York. *Bot.** **N.Y.**
CAMERON, JAMES L., C.E., Decorah. *Phys., Biol., Spec. River Erosions and Geol.* C. **Ia.**
CAMP, DAVID N., New Britain. *Geol., Org. Chem.* C.* **Conn.**
CAMPBELL, CHARLES A., Pharmacist, care of Ad. Dreiss, San Antonio. *Min., Orn.* C. Ex.* **Tex.**
CAMPBELL, D. H., Detroit. *Bot.** **Mich.**
CAMPBELL, Rev. E. V., St. Cloud, Stearns Co. *Gen. Bot.*, Ferns. C. Ex.* **Minn.**
CAMPBELL, Rev. GEORGE W., A.M., M.D., Coffay. *Bot.** **Wash. Ter.**
CAMPBELL, JAMES G., Frankfort, Herkimer Co. *Geol., Min.* C. Ex. fossils and crystals for fossils and minerals. **N.Y.**
CAMPBELL, JOHN L., LL.D., Prof. Chem. and Geol., Washington and Lee Univ., Lexington. **Va.**
CAMPBELL, Capt. JOHN T., Bureau of Statistics, Indianapolis. *Civ. Eng., Phys., Sci.** **Ind.**
CANBY, WILLIAM M., 1101 Delaware Ave., Wilmington. *Bot.* Ex.* **Del.**
CANEDAY, D. A., Taylor's Falls, Chisago Co. *Geol., Min.* **Minn.**
CANFIELD, FREDERICK, M.E., Dover. *Min.* C. **N.J.**

CANNON, WILLIAM, Key West, Munro Co. *Orn., Ent.* C.* **Fla.**
CANTINE, THOMAS B., Rock Ledge. *Ool.* C. Ex.* **Fla.**
CARBINE, H., M.D., Marcellus. *Mic., Biol., Emb.* C. Ex. **Mich.**
CARDEZA, JOHN T. M., A.M., M.D., Claymont, New Castle Co. *Min.* C. Ex.* **Del.**
CARDWELL, Dr. J. R., Portland. *Bot., especially Coniferæ.* **Ore.**
CARHART, Prof. H. S., N. W. Univ., Evanston. *Phys., Chem.* **Ill.**
CARLL, J. F., Asst. Geol. Survey, Pleasantville. *Geol.* **Penn.**
CARLTON, PHILIP SIDNEY, cor. 19th and Brush Streets, Oakland. *Coleoptera.* C. Ex.* **Cal.**
CARMAN, LEWIS, Bangall, Dutchess Co. *Geol., Min., Chem.* C. Ex. **N.Y.**
CARMICHAEL, Prof., Bowdoin Coll., Brunswick. *Chem., Phys.* **Me.**
CARPENTER, C. F., M.D., Louisville. *Mic., Chem., Phys.* **Ky.**
CARNEY, JOHN P. R., 314 West St., Camden. *Ent., Anthrop.* C. Ex. Wishes Southern specimens of Attacus and Cynthia. **N.J.**
CARPENTER, CHAS. R., B.S. M.D., Leavenworth City. *Gen. Nat. Sci.* **Kan.**
CARPENTER, G. C., Prof. Nat. Sci., Indianola. *Geol.* C. **Ia.**
CARPENTER, H. F., Gold and Silver Refiner, Chemist, 29 Page St., Providence. *Min., Con.* C. Ex.* **R.I.**
CARPENTER, MARK B., Holyoke. *Lepid., Coleopt.* C. Ex. **Mass.**
CARPENTER, VOLNEY, East Homer, Cortland Co. *Orn.** **N.Y.**
CARPENTER, WM. B., M.D., Leavenworth. *Gen. Nat. Sci.* C. Ex.* **Kan.**
CARR, J. C., Morris. *Geol., Con., Arch.* Fossil ferns from Mazon Creek a specialty C. Ex.* **Ill.**
CARR, LUCIEN, Asst. Cur., Peabody Mus. Am. Arch. and Eth., Cambridge. *Anth.** **Mass.**
CARRUTH, Prof. J. H., State Botanist, Lawrence. *Bot.** **Kan.**
CARTER, JOSEPH, Supt. Public Schools, Peru. *Bot., Ferns of Ill., Mic.* C.* **Ill.**
CARTER, Mrs. M. C., Hesper, Winneshiek Co. *Phæn., Bot., Ferns.* C. Ex. Orchids and other plants.* **Ia.**
CARTER, Rev. N. F., Quechee. *Bot.** **Vt.**
CARTER, Mrs. P. L., Clyde, Sandusky Co. *Geol.* C. Ex. **Ohio.**
CARROLL, BRADISH, New Brighton, Staten Island. *Min.* **N.Y.**
CARY, Miss MARIA, Albany. *Bot.* C. of Ferns.* **N.Y.**
CASAMAJOR, P., 372 Greene Ave., Brooklyn. Cor. Sec. American Chemical Soc. *Chem.** **N.Y.**
CASE, H. B., Londonville, Ashland Co. *Arch., Geol., Palæo., Min.* C. Ex. Arch. spec. for good fossils, shells, or foreign specimens of stone age. Will purchase good specimens of fossils and minerals.* **Ohio.**
CASE, THEODORE S., Editor Kan. City Rev. Sci. and Ind., Kansas City. *Gen. Sci.** **Mo.**
CASSINO, SAMUEL EDSON, Peabody. *Bibliog.* Desires specimens of Parasites of Birds and Mammals from all countries. C.* **Mass.**
CASTLE, D. M., M.D., 2007 Arch St., Philadelphia. *Coleopt.* C. Ex.* **Penn.**
CASWELL, JOHN H., 11 W. 48th St., New York. *Min., Crystal., Lithol., Microscopical Petrography.* C. Ex. **N.Y.**
CASWELL, MARY, East Taunton. *Bot.* **Mass.**
CATE, WILL. A., B.S., Prof. of Science and the Art of Teaching in Maryville Coll., Maryville. *Geol., Ent., Moll., Min., Palæo.* C. Ex.* **Tenn.**
CATON, JOHN DEAN, 1900 Calumet Ave., Chicago. *Mam., Cervidæ of the World.* **Ill.**
CATLIN, J. C., Ravenna. *Mic., Orn., Gen. Collector.* C. Ex.* **Ohio.**
CAVANAGH, Miss O., Watertown. *Fossils.* Ex.* **N.Y.**

CAUCH, ROBERT, M.D., Carpenteria, Santa Barbara Co. *Algæ, Diatoms, Mic., Histol. of Vert., Infusoria.* C. Will exchange algæ, diatomaceous earth and histological slides of vert. for any well mounted mic. material.* Cal.

CAVERNO, Mrs. MARTHA KELSEY, Lockport. *Con.* C. Ex.* N.Y.

CAWEIN, JOHN D., 1224 High Ave., Louisville. *Min., Geol.* C. Ex. Min. and geol. spec. for minerals only. Ky.

CHADBOURNE, ARTHUR P., 21 Buckingham St., Cambridge. *Orn.* C. Ex. for specimens from the South and West.* Mass.

CHADBOURNE, P. A., LL.D., Pres. Mass. Agric. Coll., Amherst. *Agric., Geol., Phys., Gen. Biol.* C. Mass.

CHALMERS, ROBERT, Bathurst, N.B. *Bot., Geol.* C. Ex. Canada.

CHAMBERLAIN, B. B., 28 Seventh Ave., New York. *Min., Algæ.** N.Y.

CHAMBERLAIN, C. W., M.D., Sec. State Board of Health, Hartford. *Met., Sociol., Emb., Vital Statistics.** Conn.

CHAMBERLAIN, JAMES K. P., Pomfret. *Geol., Numis.* C. Vt.

CHAMBERLAIN, MONTAGUE, St. John, N.B. *Orn.* C. Ex.* Canada.

CHAMBERLIN, H. B., 242 Fifteenth St., Denver. *Mic., Geol. Sections.* C. Ex.* Col.

CHAMBERLIN, LEWIS C., Pennville. *Phæn. Bot., Min., Palæo., Geol., Ool.* C. Ex.* Ind.

CHAMBERLIN, SAMUEL M., Wells River, Orange Co. *Orn.* Ex. skins. Vt.

CHAMBERLIN, T. C., State Geologist, Beloit. *Geol.** Wis.

CHAMBERS, CHARLES E., 5 Ida Place, Troy. *Tax.* N.Y.

CHAMBERS, ROBERT W., 126 Fort Green Place, Brooklyn. *Lepid., Coleopt.* C. Ex.* N.Y.

CHAMBERS, V. T., Covington. *Microscopy, Ent.* Ky.

CHANCE, Dr. H. M., 2433 Fairmount Ave., Philadelphia. In charge of Dept. of Mining, Sec. Geol. Survey of Penn. *Geol., Mining.** Penn.

CHANDLER, C. F., Prof. of Chem. Columbia Coll.; Coll. of Physicians and Surgeons; N. Y. Coll. Pharm., N. Y. City. N.Y.

CHANDLER, CHARLES H., Cambridgeport. *Orn., Ool.* C. Ex.* Mass.

CHANDLER, CHARLES H., Prof. Nat. Sci. Ripon Coll., Ripon. *Chem., Phys., Geol., Min.* C.* Wis.

CHANDLER, ELI H., 3603 Spring Garden St., Philadelphia. *Min.* C. Ex. Colorado, Kansas, Penn., and Delaware minerals.* Penn.

CHANDLER, ROSCOE P., Riverside, San Bernardino Co. *Tax., Ool., Min., Zool.* C. Ex. for first class spec. in sets only.* Cal.

CHANDLER, SETH C., Jr., Harvard Observ., Cambridge. *Ast.** Mass.

CHANDLER, W. H., Ph.D., South Bethlehem. Prof. of Chem. in Lehigh Univ.* Penn.

CHANEY, L. W., Jr., A.B., B.S., Northfield. *Biol., Ent., Geol. specialty, Coleopt.* C.* Minn.

CHAPIN, Rev. J. H., Ph.D., Meriden. *Palæo., Geol., Min., Crystal., Lithol., Zool.* C. Min. Ex.* Conn.

CHAPMAN, A. W., Apalachicola. *Bot.** Fla.

CHAPMAN, CHAS. H., 160 Hicks St., Brooklyn. *Geol., Min., Palæo., Arch.* C. Ex.* N.Y.

CHAPMAN, G. W., M.D., Cawker City. *Min.* C. Ex. Kan.

CHAPMAN, H. C., M.D., Prof. Insts. of Med. and Med. Jurisprudence in Jeff. Med. Coll., also Prof. of Physiol. in Penn. Coll. of Dental Surgery, Philadelphia *Gen. Biol., Vert.** Penn.

CHAPMAN, H. L., Marcellus. *Tax.* C. Ex. Mich.

CHAPMAN, JOHN H., Box 5, Newburgh. *Orn., Ool.* C. Ex.* N.Y.

CHAPMAN, WARREN H., M.D., Peoria. *Geol., Palæo.* C.* Ill.

CHASE, A. B., Valley Falls. *Mathematics.* R.I.

CHASE, A. W., C.E., Tombstone. *N. A. Indian, Arch., Eth.* C. Ariz.

CHASE, CHARLES A., Worcester. *Palæo.** Mass.

CHASE, F A., Prof. Phys. Sci. Fisk Univ., Nashville. *Mic.* C. Ex.* **Tenn.**
CHASE, Prof. GEORGE I., Providence. *Chem.* **R.I.**
CHASE, G. S., 233 Van Buren St., Topeka. *Palæo.* C.* **Kan.**
CHASE, HARVEY H., M.D., Linden, Genesee Co. *Diatoms, Crypt. Bot., Mic.* C. Ex. mounted slides.* **Mich.**
CHASE, HARVEY S., Box 194, Haverhill. *Ast.** **Mass.**
CHASE, HENRY S., M.D., St. Louis. *Microscopy.** **Mo.**
CHASE, JOSEPH E., 231 Main St., Holyoke. *Lepid., Coleopt., Ool., specialty, Catocalas.* C. Ex.* **Mass.**
CHASE, Mrs. MARINÉ J., 1622 Locust St., Philadelphia. *Microscopic Crystallography.* C.* **Penn.**
CHASE, PLINY E., LL.D., Prof. Philosophy Haverford Coll., Montgomery Co. *Cosmical and Molecular Physics, Meteo.** **Penn.**
CHASE, ROBERT H., M.D., State Hosp. for Insane, Norristown. *Mic., Histol., Pathol.** **Penn.**
CHASE, R. STUART, Haverhill. *Mic.** **Mass.**
CHASE, S. F., Salem. *Min., Ferns.* C. Ex.* **Mass.**
CHASE, THEODORE R., 31 Edmund Place, Griswold St., Detroit. *Geol., Min., Eth.* C.* **Mich.**
CHASE, WILLIAM EARL, Franklin, Essex Co. *Mic., Gen. Biol., Anat., Histol. of Vert., Ent.* C. Ex.* **N.J.**
CHATFIELD, A. F., Nurseryman, Albany. *Ent.: Lepid.* C. Ex.* **N.Y.**
CHATFIELD, D. S., 73 Gifford St., Syracuse. *Min., Geol., Palæo.* C. 500 species of fossils to ex. for others, or for Geol. or Palæo. reports of other States.* **N.Y.**
CHAUVENET, REGIS, Seventh and Pine Sts., St. Louis. *Chemistry.** **Mo.**
CHAUVENET, W. M., Newport. *Chem., Geol.** **R.I.**
CHEESEMAN, E. L., Knowlesville, Orleans Co. *Bot., Mic.* C. Ex.* **N.Y.**
CHENEY, AMOS P., Librarian of the Historical, Natural History, and Library Society of South Natick. *Ent.* Coll. Ex. (Acts for the society.)* **Mass.**
CHESEBRO, DENISON S., Box 327, Syracuse. *Crustacea, Mollusks.* Desires to buy fine marine shells. C.* **N.Y.**
CHESHIRE, W. W., Supt. Schools, Crown Point. *Arch., Eth.* C. **Ind.**
CHESTER, ALBERT H., E.M., Ph.D., Prof. Chem. and Min. Hamilton College, Clinton *Chem.. Min., Mic.* C. Ex.* **N.Y.**
CHEYNEY, J. S., 517 N. 44th St., Phila. *Mic., Gen. Histol., Bot.* C. Desires diatomaceous earth and diamond beetles from all countries.* **Penn.**
CHICKERING, J. J., Box 524, Amherst. *Orn., Ool.* C. Ex. **Mass.**
CHICKERING, Prof. J. W., Deaf-Mute Coll., Washington *Bot.* C. Ex.* **D.C.**
CHILD, HARRY P., Kansas City. *Palæo., Herpetol., Numismatics.* C.* **Mo.**
CHILD, W. W., Jackson. *Mic.* **Mich.**
CHILDS, A. B., Akron. *Palæo., Geol., Min., Vert.* C. Ex. **Ohio.**
CHINGMAN, GEORGE F., 217 State St., Chicago. *Orn.* **Ill.**
CHITTENDEN, F. H., Cornell Univ., Ithaca. *Ent.: specialty, Biol., Coleopt.* C. Ex.* **N.Y.**
CHITTENDEN, GEORGE B., Engineer, Washington. **D.C.**
CHITTENDEN, Prof. R. H., Ph.D., Yale Coll., New Haven. *Physiological Chem., Toxicology.** **Conn.**
CHOQUETTE, Rev. P., College, St. Hyacinthe. *Phys., Chem., Min.** **Canada.**
CHRISPELL, P. L., Lafayette. *Ent.: Lepid.* **N.J.**
CHRISTIAN, THOMAS, 108 and 110 Virginia St., Richmond. *Diatoms, Mic.* C Ex.* **Va.**
CHRISTY, S. B., Ph.B., Univ. of Cal., Berkeley. *Chem., Met.* **Cal.**
CHRISWELL, C. M., Brockport. *Bot., Geol.* **N.Y.**

CHUBB, H. E., 235 Viaduct, Cleveland. *Orn., Tax.* C. Ex.* **Ohio.**
CHURCH, A. M., Lyons Falls. *Orn.* C.* **N.Y.**
CHURCH, Mrs. A. M., Lyons Falls. *Bot.* C. Ex.* **N.Y.**
CHURCH, BENJAMIN, Jr., Wallingford. *Min., Geol.** **Conn.**
CHURCH, JOHN A., M.E., 115 Broadway, New York. *Mining, Metal.* **N.Y.**
CHURCH, NELLIE, Lyons Falls, Lewis Co. *Bot.* C. Ex. **N.Y.**
CHURCH, R. T., Turin, Lewis Co. *Ent.* C. Ex. **N.Y.**
CHURCHILL, Mrs. F. C., Lebanon. *Min., Fossils, Con.* C. N. E. and Bermuda specimens in ex.* **N.H.**
CHURCHILL, JNO. B., Box 81, Bristol. *Min.* **Conn.**
CHURCHILL, JOSEPH R., 82 Devonshire St., Boston. *Bot., Ent.* C.* **Mass.**
CHUTE, Rev. ARIEL P., Sharon. *Geol., Min., Bot.* C. Ex.* **Mass.**
CHUTE, H. N., Prof. Physics and Chem., Ann Arbor.* **Mich.**
CISCO, J. G., Jackson, *Am. Arch.* C. Ex. flint and stone implements for other mound relics.* **Tenn.**
CLAPIN, Rev. G., College, St. Hyacinthe. *Bot., Ent.* **Canada.**
CLAPP, Miss CORNELIA M., Mt. Holyoke Female Seminary, South Hadley. *Zool.* **Mass.**
CLAPP, E. F., M.D., Prof. Anat., Iowa City. *Anat.* C. **Ia.**
CLAPP, H. L., 35 West Cottage St., Boston. *Bot., Min.* C. Ex. **Mass.**
CLARK, A. C., Wausau, Marathon Co. *Geol., Min., Crystal., Lithol., Coleopt.* C. Ex.* **Wis.**
CLARK, BENJAMIN PRESTON, care of B. C. Clark & Co., 55 Kilby St., Boston. *Phæn. Bot., Ferns.* C. Ex.* **Mass.**
CLARK, DWIGHT, 68 Bradford St., Springfield. *Min.* C. Ex. **Mass.**
CLARK, E. W., M.D., Grinnell. *Mic.* C. **Ia.**
CLARK, FRED. C., Earlville. *Geol., Min., Arch., Tax., Ent.* C. Ex.* **Ill.**
CLARK, GEORGE D., Plainville. *Min.* C. Ex. **Conn.**
CLARK, ISAAC D., 597 Broad St., Newark. *Orn., Tax., Ool.* C. Ex. **N.J.**
CLARK, J. C., Box 219 Mt. Carroll, Carroll Co. C. Ex.* **Ill.**
CLARK, JOHN E., Prof. Math. Yale Coll., 29 Eld St., New Haven. **Conn.**
CLARK, J. N., Saybrook. *Orn., Ool.* C.* **Conn.**
CLARK, JOHN W., S.B. Coll. of Agric., Supt. of Nurseries, Amherst. **Mass.**
CLARK, NATHAN MENDALL, Box 155, Lockport. *Ent.** **N.Y.**
CLARK, SIMEON TUCKER, A.M., M.D, Box 155, Lockport. *Con.* C. Ex. Wishes mitres and volutes for Gulf species.* **N.Y.**
CLARK, T. R., Petersburg. *Orn., Ool.* C. Ex. **Mich.**
CLARK, WILLIS J., Centralia, Wood Co. *Birds' eggs and skins.* C. Samples sent for inspection if desired.* **Wis.**
CLARK, XENOS Y., Box 166, Amherst. *Psychol. Mic.** **Mass.**
CLARKE, Miss CORA H., Jamaica Plains. *Bot., Ent., Zool.** **Mass.**
CLARKE, F. W., Prof. of Chem., Univ. of Cincinnati. *Min., Physics, Chem.** **Ohio.**
CLARKE, JAMES FREEMAN, Jamaica Plain, Boston. *Ast.* **Mass.**
CLARKE, J. M., Utica. *Palæo., Geol.* C. **N.Y.**
CLARKE, JOHN M., Prof. Geol. and Min. Smith Coll., Northampton. *Palæo.** **Mass.**
CLARKE, JOHN W., Prof. of Geol. Univ. of Chicago. *Geol., Anth.* **Ill.**
CLARKE, S. C., Marietta. *Ichth.** **Ga.**
CLARKE, SAMUEL F., Fellow Johns Hopkins Univ., Williamstown. *Gen. Biol., Hydrozoa.* C. Ex. **Mass.**
CLARKE, W. P., Milton, Rock Co. *Arch., Con.* C. Ex.* **Wis.**
CLARKSON, A., Potsdam. *Ent.: specialty Lepid.* C. Ex.* **N.Y.**
CLAY, Miss JENNIE E., Cobden. *Ent.: Lepid.** **Ill.**
CLAYBROOKE, G., Santa Monica, Los Angeles Co. *Bot.* **Cal.**
CLAYPOLE, EDW. W., B.A., B. Sc., Lond., F.G.S., 2d Geological Survey of Penn., New Bloomfield. *Geol.* C. Ex. Chiefly upper Silurian and post-pliocene fossils and shells.* **Penn.**

CLAYTON, J. E., Box 158, Butte City. *Min. Geol. and Engineer.* **Mont.**

CLAYTON, J. R., D.D.S., Prof. Phys. and Histol. O. Coll. of Dental Surg., Cincinnati. P. O. address Shelbyville. *Mic. of dental tissues.* C.* **Ind.**

CLEAVELAND, J. R., Copperas Hill, Strafford. *Fossils, Min.** **Vt.**

CLEMENT, ASA, Pawtucketville, Lowell. *Hort., Orn., Ent., Agric.** **Mass.**

CLEMENTI, Rev. VINCENT, B.A., Peterboro, Ontario.* **Canada.**

CLEMENTS, GABRIELLE D., Scientific Artist, 750 So. 18th St., Philadelphia.* **Penn.**

CLENEAY, THOMAS, 444 W. Sixth St., Cincinnati. *Arch.* C. Ex. **Ohio.**

CLEVELAND, DANIEL, San Diego. *Bot.: Ferns, Marine Algæ.* C. Ex.* **Cal.**

CLIFFORD, F. S., 23 School St., Boston. *Sponges.** **Mass.**

CLINGMAN, GEORGE F, 217-219 State St., Chicago. *Orn., Ool.* C. Ex. for properly authenticated spec. **Ill.**

CLOSE, J. A., M.B., Summerfield, St. Clair Co. *Mic., Chem., Phys.** **Ill.**

CLOUGH, J. P., Junction, Lemi Co. Ex. Western minerals, Indian relics, and curiosities for books, fossils, minerals, relics, sea shells, stereo. views, etc.* **Idaho.**

CLUTE, Prof. A. B., Toms River. *Bot.* C. Desires to exchange well-preserved specimens of flora of N. J. coast region for those of other localities.* **N.J.**

CLYDE, Rev. JOHN C., Bloomsbury. *Am. Hist.** **N.J.**

COALE, H. K., 2340 Wabash Ave., Chicago. *Orn.* C. Ex. North American and foreign birds for small land birds from all parts of world.* **Ill.**

COALE, R. DORSEY, C.E., A.M., Ph.D., Asst. in Chem. Johns Hopkins Univ., 215 Madison Ave., Baltimore. *Analyt. Chem.** **Md.**

COBB, CHARLES NEWELL, 108 Wall St., Auburn *Bot., Geol., Min., Chem., Phys., Gen. Biol., Anth.* C. Ex.* **N.Y.**

COBBAN, R. M., Wickes, Jefferson Co. *Geol., Min.* C. Ex. **Mont.**

COBURN, H. P., Box 919, Michigan City, Laporte Co. *Orn.** **Ind.**

COCHRAN, J. TRAVIS, 1820 Spruce St., Philadelphia. *Mic.* **Penn.**

COCHRANE, J. D., A.B, East Corinth *Bot., Min.* C. Ex. **Me.**

COCKEY, CHARLES H., M.D., 45 Gilmore St., Baltimore. *Histol., Mic., Anat.* Ex. in other branches of microscopy.* **Md.**

COE, EMILY M., Prin Am. Kindergarten Normal School, 43 East 10th St., New York. *Zool.* C. Ex.* **N.Y.**

COE, Rev. JAMES W. Danville. *Geol., Con.* C. Ex. **Ill.**

COE, W W., Portland. *Mam., Orn., Ool., Ichth.* C. Ex.* **Conn.**

COFFIN, SELDEN J., Ph.D., Prof. Math. and Ast. Lafayette College, Easton. *Ast., Met.** **Penn.**

COFFINBERRY, W. L., C.E., Grand Rapids. *Arch.* C.* **Mich.**

COFFMAN, JOSEPH H., Augusta. *Min., Geol.* C. Ex.* **Ill.**

COGSWELL, CHAS. P., Jr., Norwich. *Coleopt., Lepid., Gen. Curiosities.* C.* **Conn.**

COHEN, J. SOLIS, M.D., Philadelphia. *Mic., Laryn., Acoustics.** **Penn.**

COIT, Rev. C. P., 94 Hudson St., Rochester. *Mic.** **N.Y.**

COIT, J. B., Ph.D., 2126 Euclid Ave., Cleveland. *Ast.** **Ohio.**

COLCORD, R. B., Sterling. *Geol., Ast.* **Ill.**

COLE, NORMAN, Glens Falls, Warren Co. *Geol., Min., Crystal., Arch.* C. Ex.* **N.Y.**

COLE, OTTO B., U.S. Signal Office, Equitable Building, Boston. *Meteo., Elect.** **Mass.**

COLEGROVE, JAMES, 40 Madison St., Chicago. *Mic., Bot.* **Ill.**

COLEMAN, Rev. N., Berlin. *Bot., Emb., specialty rearing larvæ.* C. Ex. *Mosses, Lepid., and Coleopt.** **Conn.**

COLES, ISAAC, Glen Cove, Queen's Co. *Phæn. Bot., Orn.* C. Ex.* N.Y.
COLIE, EDW. M., East Orange, Essex Co. *Min., Geol.* C. Ex. N.J.
COLLETT, JOHN, M.D., Ph.D., State Geol. of Ind., Indianapolis. *Stratigraphic Geol., Am. Arch.* C.* Ind.
COLLIER, G. H., Prof. Chem., Oregon Univ., Eugene City. *Chem., Oregon Trees.** Ore.
COLLIER, J. M., Myers, Monroe Co. *General Collector.* Fla.
COLLIER, PETER, Dept. of Agric., Washington. *Min.* D.C.
COLLIER, Mrs. S. A., Eugene City. *Bot.* C. Phæn. and Lichens.* Ore.
COLLIN, ALONZO, Prof. Chem. and Exper. Phys., Univ. of Nebraska, Lincoln.* Neb.
COLLING, THOMAS R., Utica. *Bot., Mycology.* C. Ex.* N.Y.
COLLINS, FRANK S., 177 Main St., Malden. *Bot.: Algæ, Ferns, Characeæ.* C. Ex.* Mass.
COLLINS, WILLIAM HENRY, S.B., Asst. Ast., Observ., Haverford Coll. Penn.
COLLINS, W. H., 152 Woodward Ave., Detroit. *Orn., Ool.* C.* Mich.
COLLINS, WILLIAM L., Frankford, Philadelphia. *Orn., Ool.* C. Ex. Penn.
COLLIS, R. O., Loveland. *Arch.* C.* Ohio.
COLMAN, HENRY, M.D., 33 Broad St., Lynn. *Anat., Hist.** Mass.
COLORADO COLLEGE, Colorado Springs. *Botanical Collection.* The College has a large coll. of the Flora of Colorado, and would like to ex. dups. for those not now in coll. Address Prof. Geo. H. Stone.* Col.
COLTON, B. P., Princeton. *Bot., Zool.* C. Ill.
COLTON, CHARLES A., E.M., Asst. Min. School of Mines, New York. N.Y.
COLTON, GEORGE H., M.S., Prof. Nat. Sci. Hiram Coll., Hiram, Portage Co. Ohio.
COLVIN, VERPLANCK, Supt. N.Y. State Adirondack Surv., Albany. *Astron., Geodesy, Geol., Min., Chem., Palæo., Phys., Zool., Anth., Arch., Mam., Ichth.* C.* N.Y.
COLWELL, WALTER E., Pawtucket. *Chem.** R.I.
COLYER, WALTER, Albion, Edwards Co. *Geol., Min., Palæo.* Ill.
COMMONS, ALBERT, Faulkland, New Castle Co *Bot.* C.* Del.
COMPTON, J. C., Fairmont. *Arch.* Ex. Ind.
COMPTON, J. W., M.D., Evansville. *Sanitary Science.* C. Ex.* Ind.
COMSTOCK, FRANK M., A.M., C.E., Le Roy, Genesee Co. *Lithol., Vert., Bot., Orn., Arch.* C. Ex.* N.Y.
COMSTOCK, J. HENRY, Prof. of Ent. Cornell University, Ithaca. *Economic Ent.** N.Y.
COMSTOCK, THEO. B., Asst. Prof. in charge of Dept. of Geol. and Palæo. Cornell Univ., Ithaca. *Geol., Palæo.* C. Ex. N.Y.
CONANT, THOMAS, M.D., Gloucester. *Zool.** Mass.
CONANT, WOODBURY P., Agric. Dept. Washington, (Wenham, Essex Co., Mass.) *Bot., Grasses and Sedges.* C. Ex. for Southern and Western species.* D.C.
CONDON, THOMAS, Prof. Nat. Sci. State Univ., Eugene City. *Geol.* C. Ex. Ore.
CONE, JAMES B., 357 Lexington Avenue, New York City. *Min.* C. Ex.* N.Y.
CONE, SARAH B., Stockbridge. Mass.
CONGDON, ERNEST, New Brighton, Staten Island. *Mic., Diatoms.* N.Y.
CONGDON, JOSEPH W., Visalia, Tulare Co. *Bot.** Cal.
CONKLIN, A. M., Las Vegas, San Miguel Co. N.M.
CONKLIN, CLARA, M.L.A., Instructor Nat. Sci. Ohio Wesleyan Univ., Delaware. Ohio.
CONKLIN, GEORGE A., New Britain, Hartford Co. *Min.* C. Ex.* Conn.
CONKLIN, WILLIAM A., V.S., Ph.D., Director Central Park Menagerie, New York. *Vert.* Ex. Annual Repts. of Menagerie for those of other societies.* N.Y.

CONKLIN, W. J., M.D., Dayton. *Lepid.* C. Ex. **Ohio.**
CONKLING, A. R., Carson City. *Phys., Geol., Lithol.* **Nev.**
CONLEY, Prof. J. D., Blackburn Univ., Carlinville. *Geol., Zool., Chem.* C. Ex. **Ill.**
CONNER, ISAAC, Unionville, Chester Co. *Min.* **Penn.**
CONNON, WILLIAM, Myers, Monroe Co. **Fla.**
CONRAD, C. P., Prof. Chem. and Phys. Arkansas Indust, Univ., Fayetteville. *Chem., Min.* C. Ex. Arkansas mins. a spec.* **Ark.**
CONRAD, S., Quakertown, Union Co. *Arch.* C. Ex. **Ind.**
CONRADI, ADOLPH, Box 4, Bethlehem. *Native and foreign Lepid.* C. Ex. and for sale.* **Penn.**
CONSTABLE, F. A., 240 Madison Avenue, New York. *Mic.* **N.Y.**
CONVERSE, J. H., M.D., M.D.S., Danville. *Orn., Gen. Mic.* **Ill.**
COOK, ALBERT J., Prof. Zool. and Ent. Agric. Coll., Lansing. *Ent.* **Mich.**
COOK, GEO. H., Rutgers Coll., New Brunswick. State Geologist. *Geol., Agric., Bot.** **N.J.**
COOK, H. E., Leicester Junction, Addison Co. *Tax.* C. Ex. **Vt.**
COOKE, JOSIAH P., Prof. Chem. and Min., Harvard Coll., Cambridge. **Mass.**
COOKE, V. A., Boulder Valley, Jefferson Co. *Min.* C. Ex. gold and silver ores for fossils. **Mont.**
COOKE, WM. E., East Fairmount, Cincinnati. *Gen. Nat. Hist.* C. Cin. fossils in ex. for other nat. hist. specimens. **Ohio.**
COOKE, WM. T., Providence. *Min.* C. Ex.* **R.I.**
COOKE, W. W., Jefferson. *Inorg. Chem., Orn., Ool.** **Wis.**
COOL, Dr. D. M., 36 Oakwood Boulevard, Chicago. *Med. Mic., Gen. Biol.* **Ill.**
COOLEY, J. S., A.M., M.D., Luzerne. *Bot.** **N.Y.**
COOLEY, Prof. LE ROY C., Ph.D., Vassar Coll., Poughkeepsie. *Chem., Phys.** **N.Y.**
COOLIDGE, Rev. A. H., Leicester. *Min.* **Mass.**
COOMES, MARTIN F., M.D., Prof. Physiol., etc., Ky. School of Med., 423 W. Chestnut St., Louisville. *Hort., Agric., Palæo., Geol., Phys., Elect., Mic., Gen. Biol., Anat., Arch., Eth.* C. in Geol.* **Ky.**
COON, H. C., A.M., M.D., Alfred Univ., Alfred Centre, Allegany Co. *Physics, Chem.* C. Ex.* **N.Y.**
COOPER, ED. M., 164 Walnut St., Cincinnati. *Palæo., Con.: Recent Marine Zool.* C. Ex. L. Silurian fossils to ex. for other specialties.* **Ohio.**
COOPER, ELLWOOD, Santa Barbara. *Hort.: Diseases peculiar and destructive to semi-tropical fruits.* Will send destructive insects of this region.* **Cal.**
COOPER, Mrs. ELLWOOD, Santa Barbara. *Bot.* C. Ex.* **Cal.**
COOPER, J. C., Topeka. *Min., Geol.* C. Ex.* **Kan.**
COOPER, J. D., 7 Campbell St., Rochester. *Mic.* **N.Y.**
COOPER, J. G., Haywards, Alameda Co. *Bot., Zool., Geol., Palæo., Anth., Arch., Mam., Orn., Herpetol., Moll.* Ex. for books only.* **Cal.**
COOPER, WM. A., Santa Cruz. *Orn., Ool.* **Cal.**
COPE, Prof. EDW. D., 2100 Pine St., Philadelphia. *Vert. Palæo., Vert. Zool., Geol.* C. Ex.* **Penn.**
COQUILLETT, D. W., Woodstock. *Econ. and Biol. Ent.* C. **Ill.**
CORAY, GEO. Q., Provo City. *Chem., Phys.* C. Ex.* **Utah.**
CORBUS, Dr. J. C., Mendota. *Social Science.* **Ill.**
CORBUSIER, WM. H., M.D., Asst. Surg. U.S.A., care of Surg. Gen. U.S.A., Washington. *Eth., Anth.* C. **D.C.**
CORNELL, J. H., 23 Chambers St., New York. *Mic.* **N.Y.**
CORNELL, T. V., Union City. *Ast.* **Penn.**
CORNING, ERASTUS, Sr., Albany. *Bot., Ent.* C. **N.Y.**
CORNING, ERASTUS, Jr., Albany. *Ent., Con., Ool.* C.* **N.Y.**

CORSER, D. B., 38 Rumford St., Concord. *Min.* C.* N.H.
CORSER, ELLWOOD M., M.D., Norristown. *Phæn. Bot., Mic.* Penn.
CORTHELL, W. G., Tremont Temple, Boston. *Mic.* C. Mass.
CORWIN, R. W., M.D., Ann Arbor. *Comp. Anat. of Vert., Mic.* Mich.
CORY, CHAS. B., 8 Arlington St., Boston. *Orn., Zool.* C Ex.* Mass.
COTTMANN, JOHN M., care Deaf and Dumb Inst., Rome. *Min.* C. Ex.* N.Y.
COUCH, EDW. J., Ridgefield. *Orn., Ent.* C. Ex.* Conn.
COUES, ELLIOTT, Washington. *Bibliog. of Sci., Gen. Biol., Geog. Dist., Vert., Emb., Vertebrates.* C.* D C.
COUES, GEORGE HUGHES, 17 Worcester St., Boston. *Orn.** Mass.
COULTER, J. M., Prof. Nat. Hist., Ed. Bot. Gazette, Wabash Coll., Crawfordsville. *Bot.* C. Ind.
COULTER, M. S., Logansport. *Bot. Mic.* C. Ind.
COULTER, S. E. M., A.B., Hanover. *Bot.* C. Ex. Ind.
COUPER, WILLIAM, Ed. Can. Sportsman and Naturalist, 808 Craig St., Montreal. *Orn., Ool., Ent.** Canada.
COURTIS, WILLIAM M., M.E., Socorro. *Bot., Mic., Min., Geol., Met.* C* N.M.
COUSE, MARY E., 305 Indiana Ave., Indianapolis. *Bot., Orn.* C. Ind.
COVERT, A. B., Box 602, Cadillac. *Orn., Ool.* C. Mich.
COVINGTON, S. F., Madisonville. *Arch.* Ohio.
COWDRY, N. H., Dominion Bank, Uxbridge, Ont. Canada.
COWLES, Dr. BURT, 4 Harrison St., Syracuse *Ool.** N.Y.
COWLES, CALVIN J., Assayer in charge U.S. Assay Office, Charlotte. Sells or ex rare coins, Bechtler gold coins, Confederate money, Itacolumite or Flexible sandstone, etc * N.C.
COWLES, EDW. S., Ph.D., Farmington. *Chem., Bot., Geol.** Conn.
COWLES, SAMUEL N., Otisco, Onondaga Co. *Bot., Ent., Mic.* C. Ex.* N.Y.
COX, C. F., Room 45, Grand Central Depot, New York. *Mic., Veg. Anat.** N.Y.
COX, E. T., Late State Geologist, Ind., Prof. Geol., State Univ., Ind., San Francisco. *Geol., Chem., Met., Arch., Con., Mic.* C Ex.* Cal.
COX, GEORGE H., 604 Main St., Cambridgeport. *Min., Crystal.. Lake Superior specimens* C. Ex.* Mich.
COX, J. D., Cincinnati. *Mic., Diatoms.* C. Ohio.
COX, J. N., Calumet. *Crystal.* C. Ex. Lake Superior Minerals for those of other localities well crystallized.* Mich.
COX, JOSEPH, Judge Dist. Court, Cincinnati. *Arch., Nat. Hist.* C. Ex. in Am. Arch. Lectures on Arch. Ohio.
COX, LISBON A., Keokuk. *Palæo. : Crinoids.* C. Ex. Would like to ex. for good crinoids, especially European.* Ia.
COXE, ECKLEY B., Drifton, Jeddo P.O., Luzerne Co. *Mining Engineer.** Penn.
CRAFTS, SAMUEL D., Box 1229, Boston. *Orn* C. Mass.
CRAGIN, F. W., Southville. *Zool., Herpetol., Carcinology.* C. Ex. Desires N. Am. lacertilia and F. W. crustacea.* Mass.
CRAIG, J. W., M.D., Mansfield, Richland Co. *Geol., Arch.* C.* Ohio.
CRAMER, N. L., Portland. *Bot., Geol., Mic., Ent.** Conn.
CRAMPTON, CHAS. A., Moline. *Diptera, Asilidæ.* C. Ex.* Ill.
CRAMPTON, G. W., Moline. *Orn., Ool., Ent* C. Ex.* Ill.
CRANCH, EDWARD, M.D., Box 111, Erie. *Mic., Ent.* C. Ex.* Penn.
CRANDALL, A. R., Prof. Ag. and Mech. Coll. of Ky., Lexington. *Geol., Palæo., Bot., Mic., Photo-Micrography.** Ky.
CRANE, ALFRED J., Montclair, Essex Co. *Phæn. Bot., Ferns.* C. Ex.* N.J.

CRANE, Prof. E. H., Colon, St. Jo. Co. *N. A. Mounds.* C. Ex. **Mich.**
CRANNELL, CHARLES E., Ida Hill, Troy. *Orn., Min., Herpetol., Ichth., Worms.* C. **N.Y.**
CRANS, JAMES T., Indianapolis. *L. and F. W. Shells of N. A.* C. Ex.* **Ind.**
CRAPNELL, W. B., New Boston, Mercer Co. *Orn.* **Ill.**
CRATER, Miss BELLE, Woodbury.* **N.J.**
CHATTY, ROBERT J., Armstrong's Grove, Emmet Co. *Phæn. Bot., Ferns, Mosses.* C. Ex.* **Iowa.**
CRAWFORD, A. W., Oakland. *Bot., Palæo., Geol., Min.* C. Ex. **Cal.**
CRAWFORD, J. C., A.M., Green Bay. *Mic., Diatoms, Desmids, Ent., Bacteria, Crypt. Bot.* C.* **Wis.**
CRAWFORD, J M., Avondale, Cincinnati. *Mic., Coleopt., Lepid.* C. Ex. **Ohio.**
CRAWFORD, Dr. J. W., Houston. *Orn.* **Texas.**
CRAWFORD, M. B., A.M., Middletown. *Phys.* **Conn.**
CREHORE, JOHN D , C.E., 458 Prospect St., Cleveland. *Bridge Engineering.** **Ohio.**
CRESSMANN, N. F., Chestnut Hill, Philadelphia. *Bot.* C. **Penn.**
CRESSMAN, PHILIP, A.M., 601 N. 13th St., Philadelphia. *Bot.* C.* **Penn.**
CRESSON, CHARLES M., M.D., Philadelphia. *Mic.* **Penn.**
CRESSON, EZRA T., Box 31, Philadelphia. *Ent.: Hymenop.* **Penn.**
CRESSON, GEORGE B., 813 S. 17th St., Philadelphia. *Ent.: Dipt., Coleopt.* C. Ex. Would like to correspond and ex. especially in Dipt.* **Penn.**
CRESSY, Prof. NOAH, M.D., V.S., Amherst. *Comp. Anat., Arch., Bth.* C. Ex. **Mass.**
CREVIER, I. A., M.D., 389 Craig St., Montreal. *Palæo., Chem., Min.* C. Ex. min insects, shells and mic. specimens. **Canada.**
CRITCHLEY, W. J., 14 First Ave., Rochester. *Tax.* **N.Y.**
CRITTENDEN, A. R., Middletown. *Geol., Con.** **Conn.**
CROCKER, JOHN M , M.D., Provincetown. *Con.* **Mass.**
CROFT, CLAYTON I., Fountain, El Paso Co. *Min.* C. Ex. **Col.**
CROISSANT, Rev. J. D., 1421 Eighth St., N.W., Washington. *Geol.* C. Ex. foreign for home specimens. **D.C.**
CRONISE, ADELBERT, 49 Ave. A., Vick Pk., Rochester. *Mic.* **N.Y.**
CROOKE, JOHN J., 163 Mulberry St., New York. *Phæn. Bot., Ferns., Photog., Orn., Coleopt., Lepid., Mollusks.* C. **N.Y.**
CROSBY, EUGENE C., 909 Campbell St., Kansas City. *Chem., Phys.* C.* **Mo.**
CROSBY, Dr. W. D., Beloit. *Orn., Ent.* C. **Wis.**
CROSBY, W. O., Boston Soc. Nat. Hist., Boston. *Geol., Min.* C. Ex. Desires cryst. rocks.* **Mass.**
CROSIER, Dr. E. S., Louisville. *Bot., Zool., Mic., Anth.** **Ky.**
CROSS, CHARLES R., Thayer Prof. Physics, Mass. Inst. Tech., Boston.* **Mass.**
CROSS, C. WHITMAN, Box 2836, Denver. *Micro-petrography.** **Col.**
CROSS, Rev. R. T., Denver. *Min.* C. Ex. mostly Colorado specimens. Small cabinets furnished for schools.* **Col.**
CROSS, Rev. W. R., Camden, Knox Co. *Crypt. Bot., Mic.* C. Ex.* **Me.**
CROW, Prof. D. W., Perryville. *Bot., Biol., Geol., Min.* C. **Mo.**
CROWNER, WALTER E., Watsonville, Santa Cruz Co. *Mosses, Min., Crystal., Vertebrates, Orn., Articulates, Worms, Moll., Radiates.* C. Ex.* **Cal.**
CRUMBAUGH, J. W , M.D., 100 N. 15th St., Philadelphia. *Mic., Protozoa,* Hist. and Pathol. specimens in ex. for foraminifera. **Penn.**
CRUMP, M. H , Bowling Green. *Nat. Hist., esp. Geol.* C. Ex. Pentremites, Lithostrotian Corals and N. C. minerals.* **Ky.**
CULVER, J. O., Oakland. *Mic.* **Cal.**
CULVER, W. W., White River Junction. *Geol., Min.* C. Ex.* **Vt.**

CUMBERLAND, Miss MARY E., Wellesley. *Bot.* Mass.

CUMMINGS, CLARA E., Wellesley Coll. *Bot.* C. Ex. for mosses and ferns.* Mass.

CUMMINGS, GEO. J., Monson, Hampden Co. *Min., Nat. Hist., Orn.* C. Ex.* Mass.

CUMMINGS, L. N., Uxbridge. *Min., Bot.** Mass.

CUMMINGS, WM. H., Mildale. *Lepid.* Wishes to complete coll. of Conn. Lepidoptera. Conn.

CUMMINS, W. F., Dallas. *Paleo., Geol.* C. Ex.* Tex.

CUNNINGHAM, Mrs. KATE M., Blairsville, Indiana Co. *Bot.* C. Ex.* Penn.

CUNNINGHAM, S., 28 First St., Troy. *Orn., Ool.* C. Ex. Desires correspondents.* N.Y.

CUNNINGHAM, T. L., Yalaha, Sumter Co. *Tax. L. and F. W. and Marine Shells of Fla., Indian pottery, etc.* C. Ex. for first class correctly named specimens from all parts of the world.* Fla.

CUNNINGHAM, W. M., Newark, Licking Co. *Arch., Geol., Paleo.* C. Ohio.

CURRAN, Mrs. MARY K., Cal. Acad. of Sciences, San Francisco. *Fungi, Lichens.* C.* Cal.

CURRIE, Rev HECTOR, B.A., Widder P. O., Ont. *Geol., Paleo.* C. Ex.* Canada.

CURRIER, EDW. H., M.D., 782 Elm St., Manchester. *Gen. Nat. Hist.** N.H.

CURRIER, JOHN M., M.D., Castleton, Sec. Rutland Co. Hist. Soc. and Castleton Normal Sch. Sci. Club. *Arch., Min., Eth., Paleo., Anth.** Vt.

CURTIS, Dr. EDWARD, 27 Washington Place, New York. *Mic.* N.Y.

CURTIS, F. S., B. S., Moravia, Cayuga Co. *Phæn. Bot., Ent., Coleopt.* C. Ex.* N.Y.

CURTIS, JOHN GREEN, M.D., Adjunct Prof. of Physiol. in the College of Physicians and Surgeons, N. Y. City, 127 E. 35th St., New York. *Gen. Biol., Anat. Vertebrates.** N.Y.

CURTIS, Dr. JOSIAH, Washington. *Bot., Paleo., Phys., Anth., Arch., Ent.** D.C.

CURTIS, LESTER, A.B., M.D., Prof. Histol. Chicago Med. Coll., 1558 Wabash Ave., Chicago. *Histol., Gen. Biol., Mic.* Ill.

CURTIS, WM. H., Box 66, Haverhill. *Mic., Diatoms.* C. Ex.* Mass.

CURTISS, A. H., Jacksonville. *Bot.* C. Fla.

CURTISS, L. R., Mendota. *Phys. Sci.** Ill.

CURTISS, Mrs. F. A., Jacksonville. *Marine Algæ.* C. Ex. Fla.

CURTISS, GEORGE F., New Britain. *Min., Elect., Mic., Ent.* C. Ex.* Conn.

CURTMAN, CHAS. O., M.D., 3718 N. 9th St., St. Louis. *Chem., Met., Min., Crystal., Lithol., Mic.* C. Ex.* Mo.

CUSHING, FRANK H., Smithsonian Institution, Washington. *Arch., Eth.* C. D.C.

CUSHMAN, WM. B., M.D., Bowdoin Coll., Brunswick. *Anat.* Mo.

CUSICK, WM. C., Union. *Bot.* C.* Ore.

CUTHBERT, ALFRED, Beaufort. *Bot., Orn.* C. Ex. Plants and birds of this section to ex. Desires correspondence.* S.C.

CUTLER, Dr. S. P., Pres. Memphis Microscopical Soc., Memphis. *Mic.* Tenn.

CUTTER, GEO. R., M.D., 312 Second Ave., New York. *Histol., Pathology, Mic.* C.* N.Y.

CUTTING, HIRAM A., A.M., M.D., Ph.D., Prof. Nat. Sci. Lewis Coll., State Geologist and Fish Commissioner, Lunenburgh, Essex Co. *Geol., Meteo., Agric., Fungi.* Collection of 20,000 specimens. Will exchange Vermont specimens for others.* Vt.

CUTTLER, E. A., 192 N. Pearl St., Albany. *Ent.* C. Ex.* N.Y.

D.

DABNEY, CHARLES WM., Ph.D., N. C. Agric. Experiment Station, Raleigh. *Agric., Chem.** N.C.
DABOLL, D. A., Jr., Centre Groton. *Bot., Ent.* Conn.
D'AILLY, RICHARD, Malvern. *Phæn. Bot., Ferns, Hort., Orn.** Ark.
DAKE, Dr. W. C., Nashville. *Mic.** Tenn.
DALE, T. NELSON, Gibbs Ave., Newport. *Stratigraphical Geol., Palæo.** R.I.
DALGLEISH, JAMES, Galt, Ont. *Geol., Palæo.* Canada.
DALL, WILLIAM H., Asst. U. S. Coast Surv., Hon. Curator U. S. Nat. Mus., care Smithsonian Institution, Washington. *Malacol., Anth., Arctic Geog.** D.C.
DALTON, JONATHAN C., M.D., New York. *Mic.* N.Y.
DAME, L. L., Medford. *Bot., Trees and Shrubs.* C.* Mass.
DAMON, W. E., care Tiffany & Co., Union Sq., New York. *Aquaria and Marine objects.* C.* N.Y.
DANA, EDW. S., Ph.D., New Haven. *Min., Crystal.** Conn.
DANA, J. D., Prof. Min. and Geol. Yale Coll., New Haven. *Min., Geol., Crustacea, Corals.** Conn.
DANFORTH, I. N., M.D., 349 W. Adams St., Chicago. *Biol.* Ill.
DANIEL, F. W., St. John, N.B., care Daniel Boyd. *Orn.* Canada.
DANIELL, JOHN, Osceola Mine, Calumet, Houghton Co. Lake Superior minerals in ex. for crystallizations of any kind.* Mich.
DANIELS, EMANUEL, Muscatine. *Mollusks.* C. Ex. Ia.
DARROW, CHARLES E., 46 Franklin St., Rochester. *Mic.* N.Y.
DARWIN, CHARLES C., U. S. Geol. Surv., Washington. *Geol., Bibliog. Eth.* D.C.
DAVENPORT, BENNETT F., M.D., Prof. Analyt. Chem. Mass. Coll. of Pharm., 751 Tremont St., Boston. *Chem., Phys.** Mass.
DAVENPORT, F. S., Jerseyville, Jersey Co. *Ast.* Ill.
DAVENPORT, GEORGE E., Medford. *Vascular Cryptogams.** Mass.
DAVIDSON, A. H., Rock Rapids, Lyon Co. *Ent., Geol.* C. Ex.* Iowa.
DAVIDSON, Prof. GEORGE, A.M., Ph.D., U. S. Coast Geodetic Survey; Member Nat. Acad. Sci.; Pres. Cal. Acad. Sci.; Pres. Geog. Soc. Pac., Davidson Observatory, San Francisco. *Phys.** Cal.
DAVIDSON, H. M., Box 559, Ogdensburg. *Chem., Min., Orn., Tax.* C. F. W. Shells from St. Lawrence in ex. for small sea shells.* N.Y.
DAVIDSON, Mrs. JAS., Monticello, Jones Co. *Geol., Palæo.* C. Ex. Ia.
DAVIDSON, J. M., Lancaster. *Mic.** Penn.
DAVIDSON, Miss MARY, care J. D. Davidson, Lexington, Rockbridge Co. *Bot., Ferns, Hort., Biblog.* C. Ex.* Va.
DAVIDSON, WILLIAM J., Brooklyn. *Phæn. Bot.* N.Y.
DAVIE, OLIVER, 170 No. High St., Columbus. *Tax., Orn., Ool., Arch.* C. Ex.* Ohio.
DAVIES, J E., Prof. Physics Univ. Wisconsin, Box 1106, Madison. Wis.
DAVIS, Mrs. ABBIE L., Gloucester. *Algæ.* Ex. Mass.
DAVIS, C. F., Keokuk, Lee Co. *Geodes.* C. Ia.
DAVIS, CHAS. HENRY STANLEY, M.D., Meriden. *Palæo., Anth., Arch., Eth.* C. Ex.* Conn.
DAVIS, E. G., Curator Pub. Mus., Leominster. *Min.* C. Ex.* Mass.
DAVIS, F. J., Utica. *Orn., Ool., Tax.* C Ex. N Y.
DAVIS, GEORGE A., Mexico. *Orn., Tax., Mam., Ichth., Ool.* C. Ex.* N.Y.
DAVIS, G. PIERREPONT, M.D., Hartford. *Phæn. Bot.* C.* Conn.
DAVIS, HENRY, McGregor. *Ferns, Mosses, Fungi, Geol., Min., Arch., Myriopoda, Worms.* Collector and Dealer in Indian Relics and bones. Ex. in minerals. Mississippi river shells. Ia.

DAVIS, H. WINTER, 227 Market St., Philadelphia. *Bot., Mic.* C Ex. Penn.

DAVIS, JOHN, Stockton Ave., Alleghany. *Ast.* Penn.

DAVIS, J. B., N. C. Coll., Mt. Pleasant. *Min.* N.C.

DAVIS, J. J., Racine. *Bot.* C. Ex.* Wis.

DAVIS, LEANDER S., Camp Watson, Grant Co. *Osteol., Palæo.* C. *Tertiary Mammals, Plants, and Shells* for ex.* Ore.

DAVIS, M. L., M.D., Lancaster. *Min., Mic., Mammals.* C.* Penn.

DAVIS, N. S., Jr., A.B., Librarian of Chicago Acad. of Sciences, 65 Randolph St., Chicago. *Herpetol., Ichth.** Ill.

DAVIS, R. S., M.D., La Centre, Clark Co. *Orn.* C. Ex.* W.T.

DAVIS, WALLEY, Jr., Chester Valley. *Orn.* Penn.

DAVIS, WILLIAM J., Centre and Walnut Sts., Louisville. *Palæo., Corals (Polypi)* of Niagara and Devonian periods. C. Ex. Will ex. fossil Moll., Polypi, Echinodermata, Crustacea, Sharks' teeth, as may be desired, for *fine examples* of Polypi and Bryozoa from other localities.* Ky.

DAVIS, WILLIAM MORRIS, instructor in Geology Harvard College, Cambridge. *Geol., Physical Geography.** Mass.

DAVIS, W. T., Tompkinsville, Staten Island. *Articulates.* C.* N.Y.

DAVY, ROBERT BALLARD, M.D., 654 Freeman Ave., Cincinnati. *Gen. Biol, Emb., Anth.** Ohio.

DAWSON, GEORGE M, D.S., F.G.S., Assoc. Royal School of Mines, Asst. Director Geol. Survey of Canada, Ottawa. *Geol., esp. West Coast Geol., Eth.** Canada.

DAWSON, J. W., LL.D., F.R.S., Prin. McGill Coll., Montreal. *Geol., Palæontology, especially fossil plants.** Canada.

DAWSON, WILLIAM, Spiceland, Henry Co *Ast., Meteo.** Ind.

DAY, DAVID F., 341 Washington St., Buffalo. *Bot.* C. Ex. N.Y.

DAY, E. A., Jersey City. *Min., Geol., Zool., Bot.* C. Ex.* N.J.

DAY, E. H., Prof. Nat. Sci. Normal Coll., New York. *Bot., Zool.* Wishes ex. in *Ferns, Crustacea, Annelids, Radiates, Mollusks.** N.Y.

DAY, F. H., M.D., Wauwatosa, Milwaukee Co. *Palæo.* C. Ex. Wis.

DAY, L. T., M.D., Peabody Museum, New Haven. *Vert. Palæo., Diptera of N. A.* C.* Conn.

DAY, MARY C., San Luis Obispo. *Ferns, Mosses, Algæ, Min., Crystal.* C. Ex.* Cal.

DAY, ROBERT S., 50 Union St., New Orleans. *Geol.* Desires to purchase a full set of Geol. spec. of America. La.

DAYAN, A. J., Lyons Falls. *Orn., Ool.* C. Ex. N.Y.

DAYAN, C. F., Lowville, Lewis Co. *Ool., Tax.* C. Ex.* N.Y.

DAYTON, R., M.D., 246 Superior St., Cleveland. *Mic.** Ohio.

DEAN, Rev. ARTEMAS, High Bridge, Hunterdon Co. *Min., Crystal.*, C. Ex.* N.J.

DEAN, D. V., M.D., Supt. City Hospital, St. Louis. *Bot., Palæo., Mic., Emb., Anth., Ent., Chem.* C.* Mo.

DEAN, GEO. W., Kent, Portage Co. *Hort., Palæo., Min., Anth., Arch., Moll.* C. Ex.* Ohio.

DEANE, O. B., Springfield. *Tax.* C. Ex.* Mass.

DEANE, RUTHVEN, 2 Wabash Ave., Chicago. *Orn.** Ill.

DEATRICK, Rev. W. WILBERFORCE, Glade, Somerset Co. *Bot.* C. Ex.* Penn.

DE BECK, DAVID, M.D., Instructor in Histology Medical College of Ohio, Cincinnati. *Histol., and Comp. Anat. of the Eye.* C. Ex. Ohio.

DE CAMP, WM. H., M.D., Grand Rapids. *Am. Con., Min.* C. Ex. for land and fresh water shells of Am. and minerals.* Mich.

DE CEW, EDMUND, P.L.S., DeCewville, Ont. *Geol., Palæo.* A few sets of Devonian fossils for sale. C.* Canada.

DEECKE, THEODORE, Special pathologist, N. Y. State Lunatic Asylum, Utica. *Anat., Histology. Histo-Chemistry.* N.Y.

DEEMS, FRANK M., M.D., 129 Greene St., Augusta. *Mic., Ent.* C. Ex. Ga.

DE GARMO, JAMES M., Ph.D., Prin. De Garmo Inst., Rhinebeck. *Macro-Lepid., Orn.* C.* N.Y.

DEGGE, Prof. A. R., Petersburg. *Arch., Geol., Min., Ast., Anat.* C. Ex.* Ill.

DEISHER, ADAM, Tuckertown, Berks Co. *Bot.* Penn.

DE KEMPENEER, C., Rochester. *Astrol., Gen. Zool.* N.Y.

DE LA COUR, J. L., Camden. *Mic., Chem., Gen. Ent.* Ex.* N.J.

DELAFONTAINE, Prof. M., Ph.D., 1707 Wabash Ave., Chicago. *Chem., Geol., Min.* C.* Ill.

DE LAND, LEVI J., Manufacturing Chemist, Fairport, Monroe Co. *Mic., Soda.** N.Y.

DEMEREST, J. M., Newton. *Gen. Nat. Hist., Mic.* C. Ex. N.J.

DEMING, L. P., New Haven. *Mic.** Conn.

DE MOTTE, JOHN B., Green Castle. *Math.* Ind.

DENISON, CHARLES, A. M., M.D., Denver. *Climatology.** Col.

DENISON, CHARLES H., San Francisco. *Min., Bot.** Cal.

DENNIS, Prof. DAVID, Wilmington. *Invert. Palæo., Min.* C. Ex.* Ohio.

DENNIS, S. W., 33 Kearney St., San Francisco. *Mic.* Cal.

DENSLOW, Rev. HERBERT M., Rutland. *Bot., N. A. Orchidaceæ.* C. Ex.* Vt.

DENTON, S. W., Wellesley. (Now in Australia.) *Orn., Ool., Ent.* C. Ex.* Mass.

DERCUM, FRANCIS, Acad. Nat. Sci., Philadelphia. *Anat. and Histol. of Vertebrates.* Penn.

DERRY, C. W., Leadville. *Bot., Tax.* Col.

DESSAN, S., 83 William St., New York. *Min.* C. N.Y.

DETMERS, H. J., Prof. Nat. Sci., 2941 Cottage Grove Ave., Chicago *Pathol., Anat., and Hist.** Ill.

DEVEREAUX, W. L., Clyde, Wayne Co. *Ent.: Coleopt., Lepid., especially Rhyncophora and Noctuidæ.* C.* N.Y.

DEWEY, A. H., Watertown, Jefferson Co. *Min.* C. Ex.* N.Y.

DEWEY, FRED. P., Box 348, Chattanooga; or National Mus., Washington, D. C. *Chem., Min.* C. Ex.* Tenn.

DEWOLF, GEORGE N., Garnett. *Invert. Palæo., Orn.* C. Ex. Kan.

DEXTER, RANSOM, A.M., M.D., LL.D., Prof. Zool., Comp. and Human Anat. and Physiol., 76 East Madison St., Chicago. C.* Ill.

DICKEL, GEORGE, Louisville. *Tax., Coleopt., Lepid.* C.* Ky.

DICKENS, J. BYRON, M.D., Newburyport. Mass.

DICKERMAN, Rev. W. F., Napoleon, Henry Co. *Mic.** Ohio.

DICKERSON, EDWARD N., New York. *Mic.* C. Ex. N.Y.

DICKERSON, THEO. L., Box 47, Fairfield, Franklin Co. *Arch., Min., Palæo.* C. Mound relics desired in ex. for fossils, shells, and minerals. Ind.

DICKINSON, D. B., Chatham. *Tax.** N.J.

DICKINSON, E., 73 Spring St., Springfield. *Orn., Ool.* C.* Mass.

DICKINSON, Miss EMMA E., Fairport, Monroe Co. *Min., Filices.* N.Y.

DICKINSON, G. K., M.D., Jersey City. *Sanitary Science.* N.J.

DICKINSON, I. L., Shaw's Flat, Tuolumne Co. *Min., Con.* C. Ex. Cal.

DICKINSON, Mrs. J. W., Newtonville. *Bot.* Mass.

DICKINSON, WILLIAM, M.D., 1322 Olive St., St. Louis. *Ophthalmology.** Mo.

DICKINSON, Mrs. W. P., 893 Main St., Dubuque. *Bot., Palæo.* C. Ex.* Ia.

DIETZ, WILLIAM G., M.D., Hazleton, Luzerne Co. *Coleopt. of U. S.* C. Ex. Desires to exchange N. A. Coleopt. for Rhynchophera (Curculionidæ) from all parts of the world.* Penn.

DILLER, J. S., Greason, Cumb. Co. *Lithol., Geol.* Penn.
DIMMICK, L. N., M.D., Santa Barbara. *Algæ, Moll., Arch.** Cal.
DIMMOCK, GEORGE, Ph.D., Cambridge. *Ent., Zool.* C.* Mass.
DINSMORE, THOS. H., Jr., A.M., Prof. Nat. Sci. York Collegiate Inst., York. C. Ex, Penn.
DINWIDDIE, ROBERT, 113 Water St., New York. *Algæ, Diatoms, Mic., Protozoa, Infusoria.* N.Y.
DIONNE, C. E., Cur. du Mus. Zool. de l'Univ. Laval, Quebec. *Zool.* C. Ex.* Canada.
DITHMER, Miss S. C., 324 N. Ala. St., Indianapolis. *Ent.: Lepid.* C. Ex.* Ind.
DIVELEY, GEO. S., 602 W. 10th St., Kansas City. *Ool.* C. Ex. Mo.
DIXON, GEORGE, Hampton. *Con., British Land, Fresh Water and Marine Shells.* Ex. Va.
DIXWELL, JOHN A. B., M.D., Memb. Boston Nat. Hist. Soc., A.A.A.S., Mass. Med. Soc., etc., 6 Pemberton Sq., Boston. *Osteology, Zoology.* C. Ex.* Mass.
DOAN, ABEL, Westfield, Hamilton Co. *Forest. Bot., Geol.* C. Specimens of wood for ex.* Ind.
DOAN, ISAAC C., Richmond. *Geol., Zool.* C. Ex.* Ind.
DOAN, JOSEPH, Richmond. *Geol., Palæo.* C. Ex.* Ind.
DOBBIN, GEO. W., Baltimore. *Gen. Mic.** Md.
DOBBS, JOHN F., Muscatine. *Geol., Con.* Ia.
DODD, Miss ALICE, Williamstown. *Orn.* Mass.
DODGE, CHAS. R., care of 1336 Vermont Ave., Washington. *Econ. Ent., Vegetable Fibre.* C.* D.C.
DODGE, E. A., Glencoe, Dodge Co. *Lepid., Coleopt.* C. Ex.* Neb.
DODGE, G. M., Glencoe. *Lepid., Orthop.* C. Ex.* Neb.
DODGE, Prof. JAMES A., Minneapolis. *Chem.* Minn.
DODGE, STEPHEN CLAY, Chattanooga. Electrician, Chemist. *Bot., Met., Mic., Agriculture.* C. Ex.* Tenn.
DOLBEAR, Prof., A.E., College Hill. *Physics.* Mass.
DOLL, JACOB, 74 Graham Ave., Brooklyn. *Lepid.* C. Ex. N.Y.
DOLLEY, CHAS. S., M.D., 30 East Ave., Rochester. *Biol.* C. Ex.* N.Y.
DOLLEY, SARAH R. A., M.D., 30 East Ave., Rochester. *Mic., Biol.** N.Y.
DOLPH, JOHN M., A.M., Honesdale. *Bot., Min., Palæo.* C. Ex. Penn.
DONALDSON, H. H., Johns Hopkins Univ., Baltimore. Md.
DONALDSON, HENRY M., Fellow Johns Hopkins Univ., 123 W. Madison St., Baltimore. *Mic., Bot., Ent.* C. Ex. Md.
DONEY, CHAS. P., Logansport. *Palæo.** Ind.
DOOLITTLE, CHAS. L., Prof. Math. and Ast. Lehigh Univ., So. Bethlehem. Penn.
DOREMUS, Dr. C. A., 70 Union Square, New York. *Chem.* N.Y.
DOREMUS, ROBERT OGDEN, M.D., LL.D., Prof. Chem. and Phys. *Coll. of the City of New York.* N.Y.
DORSCH, EDWARD, M.D., Monroe. *Eth., Palæo., Bot., Coleopt., Con.* C. Will buy specimens needed if cheap.* Mich.
DOTEN, FREDERICK B., Chicopee. *Microscopy.* Mass.
DOTEY, CHAS. E., Stoneham. *Min.* C. Ex.* Mass.
DOTON, HOSEA, A.M., C.E., Woodstock, Windsor Co. *Ast., Meteo., Geol., Phys. Geog.** Vt.
DOUD, LOYAL S., New Haven, Addison Co. *Bot.* C. Ex.* Vt.
DOUGALL, WM. A., 360 Bank St., Newark. *Ool.* N.J.
DOUGHERTY, GEO. E., Glen Elder, Mitchell Co. *Geol., Arch.* C. Ex. Kan.
DOUGLASS, ANDREW E., 63 Pine St., New York. *Arch.* C. Ex.* N.Y.
DOUGLASS, WALTER, Mt. Auburn, Cincinnati. *Orn., Ool.* C. Ex. Desires skins of foreign warblers. Ohio.

DOWNS, C. A., Jr., Lebanon. *Tax., General.* C. N.H.
DOWSE, WM. B., Boston. *Orn.* C. Ex.* Mass.
DOX, VIRGINIA, Wilson. *Zool., Ent.* C. Ex.* N.Y.
DRAKE, ALDEN L., Centre St., W. Roxbury. *Min., Crystal., Lithol., Met., Moll.* C. Ex. As a purchaser or in ex. Foreign and home correspondence desired.* Mass.
DRANSFIELD, THOS., 13 Myrtle Hill Pk., Rochester. *Mic.* N.Y.
DRAPER, DANIEL, N. Y. Met. Observ., New York City. *Meteo.* N.Y.
DRAPER, JOHN C., Prof. Coll. of the City of New York. *Nat. Hist., Physiol., Hygiene.* N.Y.
DREISS, ADOLPH, San Antonio, Bexar Co. *Chemical preparations in general.* C. Ex. pure chemicals. Tex.
DREISS, HERMAN, Pharmacist, care of Adolph Dreiss, San Antonio. *Mineralogy.* C. Ex. Tex.
DREW, FRANK M., Silvester. *Orn., Ool.* Ex.* Col.
DROGE, J. H., 17 Melrose St., Brooklyn. *Crustacea.** N.Y.
DROWN, EDW. D., Fern Hill, Weldon. *Bot., Palæo., Geol., Min.* C. Ex.* Penn.
DROWN. ELIZABETH D., Fern Hill, Weldon. *Ool., Orn.** Penn.
DROWN, THOMAS M., Chemist and Metallurgist, Sec. of American Inst. of Mining Engineers, Easton.* Penn.
DRUMHELLER, Rev. C. K., Hamburg, Berks Co. *Strat. Geol., Min., Ast.* All kinds of fossils. C. Ex.* Penn.
DRYER, CLARENCE M., Lawrence. *Orn.* Mass.
DRYER, C. R., M.D., Prof. Chem. and Toxicol., Fort Wayne. *Chem., Mic., Biol.** Ind.
DUBBS, Rev. J. H., Lancaster. *Bot., Arch.* Penn.
DUBOIS, EUGENIA, Morrisania. *Bot.** N.Y.
DUBOIS, PATTERSON, Assayer U.S. Mint, Philadelphia. *Chem., Met., Arch., Phil.** Penn.
DUBOIS, S. V., San Leandro, Alameda Co. *Orn., Ool.** Cal.
DUDLESTON, JOS. J., Frankfort, Herkimer Co *Geol., Min., Con.* Ex. general.* N.Y.
DUDLEY, CHAS. B., Altoona, Blair Co. *Bot., Chem., Met.** Penn.
DUDLEY, P. H., 155 Erie St., Cleveland. *Microscopy.* Ohio.
DUDLEY, WILLIAM R., Asst. Prof. Bot. Cornell Univ., Ithaca. *Bot., Geog. Dist.* C.* N.Y.
DUEMLING, Prof. H., Ph.D., Concordia Coll., Fort Wayne. *Zool.* C. Ex.* Ind.
DUENKEL, WM., Yreka, Siskiyou Co. *Coleoptera* (*Mt. Shasta region*). Cal.
DUFF, L. E., New Lebanon. *Palæo., Min.* Ohio.
DUFFIELD, SAMUEL P., M.D., Detroit. *Microscopy.* Mich.
DUFRESNE, D. O. R., Chicoutimi, Quebec. *Bot., Ent.* C. Ex. Canada.
DUGANNE, Rev. H. C., Lowell. *Bot.* Mass.
DUMN, James F., Fleetwood, Berks Co. *Geol., Min., Crystal. Fine iridescent limonite, etc.* See advertisement. C. Ex.* Penn.
DUMOND, A. M., 49 Mt. Hope Ave., Rochester. *Mic.* N.Y.
DUNBAR, CHARLES, Bristol. *Min.** Conn.
DUNBAR, J. B., Topeka. *Anth.* C. Kan.
DUNLAP, J. N., M.D., Miami. *Geol., Palæo., Min., Arch., Bot.* C. Ex. Mo.
DUNLOP, W. W., Box 1145, Montreal. *Orn., Ool.* C. Ex. Canada.
DUNN, E. C., M.D., Rockford *Geol., Ent., Con., Coins.* C. Ex. Ill.
DUNN, G. W., 317 Washington St., San Francisco. *Ferns, Ent., Coleopt* Ex. in Con. and Coleopt.* Cal.
DUNNINGTON, F. P., B.Sc., Prof. Analyt. Chem. Univ. of Va., Albemarle Co. *Analyt. Chem., Crystal.** Va.
DUNSTON, HENRY, Ely. *Min.* Vt.

DU PRE, Col. L. J., Austin. *Am. Arch.* **Texas.**
DURAND, WILLIAM S., Marshall. *Orn., Ool.* C. Ex. Wishes correspondents in Pacific and Southern States. **Mich.**
DURBIN, THOMAS, Weedsport. *Orn., Tax.* **N.Y.**
DURFEE, C. A., Brattleboro, Editor and Proprietor of "Our Jewel Case." *Geol., Min., Arch.* C. Ex.* **Vt.**
DURFEE, T. C., 44 Sabin St, Providence. *Geol., Min.* C. Ex.* **R.I.**
DURY, CHARLES, Avondale, Cincinnati. *Ent.: Lepid., Coleopt.* C. Ex. N. A. Coleoptera desired.* **Ohio.**
DUSHANE, J., South Bend. *Geol., Ent.* C. Ex.* **Ind.**
DUTTON, Capt. C. E., U.S.A., Ordnance Corps, U.S. Geol. Survey, Washington. *Geol., Lithol.** **D.C.**
DUTY, J. T., Waldron. *Geol., Mollusks.* C. Niagara group fossils for ex. for marine shells, corals, and minerals. Correspondence solicited.* **Ind.**
DWELLY, GEORGE, So. Abington. *Tax.* C. Ex. **Mass.**
DWIGHT, CHARLES E., Prof. Chem., Wheeling. *Analyt. Chem.* **W.Va.**
DWIGHT, FRANCIS E., M.D., Asst. Pathologist Coll. of Physicians and Surgeons, New York. *Mic.** **N.Y.**
DWIGHT, THOMAS, M.D., Instructor of Histol. and Topog. Anat. Harvard Univ., 70 Beacon St., Boston. *Anat. of Vert., Histol.** **Mass.**
DWIGHT, WILLIAM B., Prof. Nat. Hist. Vassar Coll., Poughkeepsie. *Geol., Invert. Palæo., Zool.* C.* **N.Y.**
DWINELLE, CHARLES H., Ph.B., Lecturer on Prac. Agric. Univ. of Cal., Pres. Board of State Horticultural Commissioners of Cal., Berkeley, Alameda Co. *Ent., Bot.** **Cal.**
DYER, ALPHEUS, 53 Congress St., Troy. *Mic.* C. Ex.* **N.Y.**
DYER, C. B., Mt. Harrison, Cincinnati. *Geol., Palæo.** **Ohio.**
DYER, W. P., A.M., Prof. Chem. Albert Univ., Belleville, Ont. *Geol., Crystal., Lithol., Chem., Phys.* C. Ex.* **Canada.**
DYKEMAN, B. H., So. Haven. *Geol., Min., Arch., Fossils.* C. Ex. **Mich.**

E.

EAGER, W. W., 309 Hennepin Ave., Minneapolis. *Orn., Ool.* C. **Minn.**
EAGLE, CLARENCE H., 129 E. 30th St., New York. *Orn.* C. Ex. **N.Y.**
EAMES, CHARLES J., Ph.D., 26 Pine St., New York. *Min.* C. Ex.* **N.Y.**
EARLE, CHARLES, 126 E. 16th St., New York. *Orn., Bot.* **N.Y.**
EARLE, CHARLES F., 8 Empire Block, Syracuse. *Orn., Con.* C.* **N.Y.**
EARLE, F. S., Cobden, Union Co. *Bot., Mic., Fungi, Arch.** **Ill.**
EARLE, Henry, Jr., Montreal. *Ent.: Lepid.* **Canada.**
EARNEST, J. R., Princeton. *Geol.* **Ill.**
EASBY, FRANCIS H., Media. *Min.* C.* **Penn.**
EASBY, WILLIAM, Jr., Media, Del. Co. *Ent.: Lepid.* C. Ex. List of spec. sent on application.* **Penn.**
EASTERDAY, L. F. M., A.M., Prof. Math. and Ast. Carthage Coll., Carthage.* **Ill.**
EASTMAN, Prof. J. R., Naval Obs., Washington. *Ast.* **D.C.**
EASTMAN, J. S., M.D., Hanover. *Bot.* C. Ex. **Ind.**
EASTMAN, LEWIS M., M.D., 349 Lexington St., Baltimore. *Mic.* Well-mounted Histological and Pathological slides in exchange for other first-class slides, in any department of Microscopy.* **Md.**
EASTON, D. M., East Weymouth, Norfolk Co. *Geol., Mi* C. Ex. Fossils (Trilobites and Shells), gold and silver ores, etc. **Mass.**
EASTWOOD, Miss ALICE, High School, 635 Lorimer St., Denver. *Bot.* C. Ex. Rocky Mt. and prairie flowers for spec. from other places.* **Col.**

EASTWOOD, J. F., Prof. Nat. Sci. Bethany Coll., Bethany. *Chem.*, *Bot.*, *Zool.*, *Min.* C. Ex. W.Va.

EATON, CLIFFORD CHASE, Observatory, Cambridge. *Ent.* Mass.

EATON, DANIEL C., Prof. Botany, Yale Coll., New Haven. *Bot.* C.* Conn.

EATON, D. G., Ph.D., Prof. Phys. Sci. Packer Inst., Brooklyn. *Geol.* C. Ex.* N.Y.

EATON, D. H., Box 1235, Woburn. *Orn.*, *Ool.*, *Tax.*, *Geol.*, *Min.* C. Ex.* Mass.

EATON, HORACE, Quincy. *Horticulture.* Mass.

EATON, JAMES R., Ph.D., Prof. Nat. Sci. William Jewell Coll., Liberty, Clay Co. *Chem.*, *Min.*, *Geol.*, *Palæo.*, *Nat. Phil.* C. Ex. fossils and minerals.* Mo.

EATON, L. A., Ph.D., Prof. Nat. Sci. Adrian Coll., Adrian. Mich.

EATON, Miss MARIA S., Prof. Chem. and Min. Wellesley Coll., Wellesley. *Min.*, *Bot.* Mass.

EATON, Prof. T. E. N., Box 421, Worcester. *Bot.* C. Mass.

EATON, Dr. T. J., Kansas City. *Min.* Mo.

ECKFELDT, JOHN W., M.D., 6320 Vine St., West Philadelphia. *Bot.*, *Crypt. Bot.*, *Lichens.* C. Ex.* Penn.

EDDY, A. H., 57 Sigourney St., Hartford. *Min.*, *Mic.* C. Ex. Conn.

EDDY, C. W., Ware. *Mic.** Mass.

EDDY, Rev. E. B., 219 Prairie Ave., Providence. *Geol.*, *Min.*, *Met.*, *Anth.* C. Ex. R.I.

EDDY, FRED. A., 89 State St., Bangor. *Mic.* Me.

EDDY, J. W., M.D., 3 Guimeras Block, Oswego. *Mic.* N.Y.

EDDY, N. A., care Eddy Bros. & Co., Bay City. *Orn.*, *Ool.* C. Ex.* Mich.

EDDY, W. B., Granville. *Geol.*, *Min.* Ohio.

EDGELL, H. I., South Haven. *Arch.*, *Geol.*, *Min.* C. Indian and Mound Builders' relics wanted, for which will ex. relics, geol. and min. spec. or cash.* Mich.

EDMAN, J. A., Meadow Valley, Plumas Co. *Geol.*, *Min.*, *Met.* C. Ex.* Cal.

EDMANDS, J. RAYNER, Harvard Coll. Obs., Cambridge. *Ast.*, *Geodesy*, *Phys.** Mass.

EDMONDS, MARY A., Principal School, West Grove. Ex. Penn.

EDMUNDS, EDW. S., La Grange, La Grange Co. *Lithol. and Palæo.*, *Geol.*, *Bot.* C. Ex. for Rocky Mt. spec. shells of the Pacific coast, and Col. and Nevada gold and silver spec.* Ind.

EDWARDS, CHARLES L., 60 S. 10th St., Minneapolis. *Ool.* C. Ex.* Minn.

EDWARDS, E. JUNIUS, 514 S. 7th St., Minneapolis. *Ent.* C.* Minn.

EDWARDS, HENRY, Wallack's Theatre, New York. *Ent., chiefly Lepid., Ægeridæ of the world.* Will purchase examples of this group. C. Ex.* N.Y.

EDWARDS, Prof. J. BAKER, Montreal. *Microscopy.* Canada.

EDWARDS, JOSEPH W., M.D., Mendota. *Histol.*, *Morphological and Physiological Bot.*, *Mic.* C. Ex.* Ill.

EDWARDS, J. WARNER, Philadelphia. *Geol.*, *Min.* Penn.

EDWARDS, Mrs. MARY J., 514 S. 7th St., Minneapolis. *Bot.*, *Algæ.** Minn.

EDWARDS, S. M., Argusville, Cass Co. *Min.*, *Tax.*, *Zool.** Dak.

EDWARDS, THOS. C., Ancora, Camden Co. *Gen. Biology*, *Anth.*, *Eth.*, *Arch.*, *Sociology*, *Cultology*, *Ethics*, *Esthetics*, *Philology*, *Psychology.** N.J.

EDWARDS, WM., Teacher of Tax. and Cur. Museum, Wellesley Coll., Wellesley. Mass.

EDWARDS, WM., Custodian Nat. Hist. Soc. Mus., So. Natick. *Bot.* Mass.

EDWARDS, WM. H., Coalburgh. *Diurnal Lepid. of N. A.* C. W.Va.

EGAN, W. C., 624 Dearborn Ave., Chicago. *Palæo.* C. Fossils of the Niagara group from Bridgeport for ex.* Ill.

EGBERT, H. V., A.M., Asst. Astronomer Dudley Observatory, Albany. *Ast.** N.Y.

EGGERT, H., 918 Wash. St., St. Louis. *Phæn. Bot., Ferns.* C. Ex. Mo.

EGLESTON, T., Engineer of Mines, Prof. of Mineralogy and Metallurgy School of Mines, Columbia Coll., New York. *Min.* C. Ex.* N.Y.

EHINGER, GEO. E., M.D., Keokuk. *Bot.* C. Ex.* Ia.

EHRMAN, ARTIS H., 415 No. Cary St., Baltimore. *Mic., Min.* C. Ex.* Md.

EHRMANN, GEO. ALEX., 2002 Josephine St., South Side, Pittsburg. *Geol., Mic., Ent.* C. Ex. Penn.

EIGENBROT, CHRISTIAN, Jr., 36 Wilkins St., Baltimore. *Ent.: Coleopt.* C. Ex. Md.

EISEN, A., Coldwater. *Lepid., Arch.* C. Ex.* Mich.

EISEN, GUSTAF, Fresno City, Fresno Co., *Annelida, Oligochæta, Hort., Arch.*, C. Ex. Types of Oligochæta.* Cal.

ELDREDGE, FRANK B., L.B. 576, Attleboro. *Ool.* C. Ex. Mass.

ELLINWOOD, C. M., Prof. Nat. Sci., Indianola. *Biol., Geol.* C. Ex.* Ia.

ELLIOT, DANIEL G., New Brighton. *Mammalogy, Orn.* N.Y.

ELLIOT, S. LOWELL, 439 E. 87th St., New York. *Ent.* C. Eggs, Larvæ, Pupæ, and Cocoons. N.Y.

ELLIOTT, A. F., M.D., Minneapolis. *Min., Con.* C. Ex. Minn.

ELLIOTT, GEO. S., Edgar, Obion Co. *Geol.* Tenn.

ELLIOTT, GEO. W., 27 Rowley St., Rochester. *Mic., Meteo., Ast.** N.Y.

ELLIOTT, Capt. JOHN, Unionville, Chester Co. *Min.* Penn.

ELLIOTT, JNO. B., M.D., Univ. of the South, Sewanee. *Geol.* C. Ex.* Tenn.

ELLIOTT, M., Jr., Rome. *Phæn. Bot., Orn., Ent.: Lepid.* C. Ex. Penn.

ELLIOTT, W. S., M.D , D.D.S., Goshen. *Min.* C. Ex.* N.Y.

ELLIS, A. L., Pawtucket. *Orn., Ool., Zool.* C.* R.I.

ELLIS, J. B., Newfield. *Fungi.* C. Ex.* N.J.

ELLIS, R. W., M.A., Montreal. *Geol., Lithol.* C. Canada.

ELLIS, Prof. S. A., 7 Clifton St., Rochester. *Mic., Ent.** N.Y.

ELLISON, M. D., Platteville. *Bot.* C. Wis.

ELLISON, ROBERT R., Sr., Newburgh. *Ent.* N.Y.

ELLSWORTH, ADDISON, New Berlin. *Lepid.* C. Ex. N.Y.

ELLSWORTH, E. W., East Windsor Hill. *Ool., Arch.** Conn.

ELMORE, SAM'L E., Hartford. *Orn., Bot.** Conn.

ELSBERG, LOUIS, M.D., 614 Fifth Ave., New York. *Laryngology, Mic., Biol.** N.Y.

ELSNER, JOHN A. B., M.D., Box 2282, Denver. *Chem., Mic., especially Min.* C. Ex. Only crystallized characteristic spec. wanted.* Col.

ELVINS, ANDREW, 11 St. Vincent St., Toronto, Ont. Observational astronomy, esp. drawings of lunar scenery and sun spots. Ex. Hudson River and Utica fossils and Mic. slides.* Canada.

ELWYN, ALFRED LANGDON, 1422 Walnut St., Philadelphia.* Penn.

ELY, JOHN, Rome. *Min.* C. N.Y.

EMERIC, H. F., San Francisco. *Orn.* Cal.

EMERICKS, F. J., New York. *Microscopy.* N.Y.

EMERSON, BENJ. K., Ph.D., Prof. Geol. and Zool. Amherst Coll., Amherst. Mass.

EMERSON, CHARLES F., Appleton Prof. Nat. Phil. Dartmouth Coll., Hanover. *Phys.** N.H.

EMERSON, Dr. N. B., 53 W. 28th St., New York. *Mic.* N.Y.

EMERSON, W. OTTO, Hayward, Alameda Co. *Ool., Orn., Tax., Moll.* C.* Cal.

EMERTON, JAMES H., Asst. Zool. Yale Coll., 146 College St., New Haven. *Arachnida.* Conn.

EMMONS, S. F., U.S. Geol. Survey, Denver and Washington. *Geol., Mining, Engineering.** D.C. & Col.
EMSWILER, GEORGE P., Richmond. *Palæo.* C.* Ind.
ENDEMANN, HERMANN, Ph.D., 33 Nassau St., New York. *Chem.** N.Y.
ENGELMANN, GEORGE, M.D., 3003 Locust St., St. Louis. *Bot., Met.* Mo.
ENGELMANN, GEORGE J., M.D., 3003 Locust St., St. Louis. *Arch., Mic.* C. Ex.* Mo.
ENGELS, FREDERICK H., M.D., 72 South C St., P. O. Box 518, Virginia City.* Nev.
ENGLE, ROBERT H., Assayer, 226 So. 5th St., Philadelphia. *Chem., Min., Arch., Geol.* C. Ex. Penn.
ENGLE, STEVE D., Hazleton. *Coleopt.* C. Ex. Anthracite Coal fossils for beetles.* Penn.
ENGLES, JOSEPH, Mineral Point. *Min.* Wis.
ENGLISH, Dr. D. C., New Brunswick. *Mic.* N.J.
ENSIGN, WILLIAM O., M.D., Rutland, La Salle Co. *Osteol., Mic., Gen. Biol.** Ill.
ERLENMEYER, Dr., Houston. *Min., Ent.* Texas.
ESCHMANN, P. W. R., Pharmacist, 115 East Market St., Louisville. *Bot.* C. Ex. Ky.
ESTABROOK, S. ADELLE, Box 943, Worcester. *Bot.: Ferns.* C. Ex. ferns.* Mass.
ESTES, D. C., M.D., Lake City, Wabasha Co. *Geol., Ichth., Ast., Gen. Nat. Hist.* C. Ex. Minn.
ESTVELLA, THEO. H. d', Inst. for Deaf and Dumb, Berkeley. *Con.* Cal.
EVANS, EDWIN, M.D., Streator, La Salle Co. *Geol., Palæo.* C. Ill.
EVANS, JOHN D., P.L.S., Belleville, Ont *Ent., Mic.* C. Ex.* Canada.
EVANS, J. F., 2203 Webster St., San Francisco. *Chem.* Cal.
EVANS, S. G., Evansville. *Lepid.* C. Ex. Wish Lepid. from Cal. and Northwest.* Ind.
EVARTS, H. C., M.D., Frankford, Philadelphia. *Biol., specialty, Infusoria.** Penn.
EVE, DUNCAN, M.D., Nashville. *Surg., Pathol., Gen. Mic.* Tenn.
EVEN, JOSEPH, Peru, La Salle Co. *Geol.* C. Ill.
EVERETT, M. H., M.D., Troy Grove. *Arch., Geol.* C. Ex.* Ill.
EVERETT, OLIVER, M.D., Dixon. *Bot., Palæo.** Ill.
EVERHART, BENJAMIN M., West Chester. *Bot.* Penn.
EVERMANN, B. W., Bloomington. *Orn., Ool., Moll., Bot., Arch.* C. Ex. Ind.
EVERTS, ORPHEUS, Indianapolis. *Mic.* Ind.
EWART, J. G., Yarker P. O., Addington Co., Ont. *Mam., Orn., Ool.* C. Ex.* Canada.
EYSER, JOHN, 213 So. 37th St., St. Louis. *Ast.* Mo.

F.

FAGER, DAN. B., Carbondale. *Neuroptera, Catocala.* C. Ill.
FAHLBERG, CONSTANTIN, Ph.D., Gray's Ferry Chemical Works, Philadelphia. *Chem.* C. Ex.* Penn.
FAHS, Rev. R. Z., Olney, Richland Co. *Geol., Palæo.* C. Ex.* Ill.
FAILYER, G. H., Prof. of Chem. and Physics State Agric. Coll., Manhattan. *Chem., Min.* C. Ex.* Kan.
FAIR, HENRY, 236 W. 15th St., New York. *Herpetol.* N.Y.
FAIRBANKS, ARTHUR, St. Johnsbury. *Ool., Phæn. Bot., Ferns, Mosses.* C. Ex.* Vt.
FAIRBANKS, FRANKLIN, St. Johnsbury. *Orn., Min., Curiosities.* C.* Vt.

FAIRBANKS, Rev. HENRY, Ph.D., St. Johnsbury. *Orn., Ool.* C.* Vt.
FAIRCHILD, A. K., Whippany. *Min., Orn., Ool., Con.* C. Ex.* N.J.
FAIRCHILD, CHARLES G., A.M., Prof. Nat. Sci. Berea Coll., Berea. Ky.
FAIRCHILD, DAVID S., M.D., Prof. Iowa Agric. Coll., Ames. *Histol., Phys., Mic., Gen. Biol.** Ia.
FAIRCHILD, G. W., Oregon. *Palæo., Min., Con., Bot.* C. Ex. Ohio.
FAIRCHILD, Prof. HERMAN L., 102 E. 52d St., New York. *Palæo., Geol., Zool.* C. Ex.* N.Y.
FAIREY, RICHARD, Chatham, N. B. *Ent.* Canada.
FAIRMAN, CHARLES, LL.D., Upper Alton. *Chem., Geol.* C. Ex.* Ill.
FAIRWEATHER, S. ERNEST, Sec. Nat. Hist. Soc., St. John. Canada.
FALCONER, WILLIAM, Botanic Gardens, Cambridge. *Bot.* C.* Mass.
FALES, J. C., Prof. Nat. Sci. Centre Coll., Danville. *Geol., Palæo.* C. Ex. fossils and zool. specimens of this locality.* Ky.
FALIAFENO, Hon. B. C., Keithsburg. *Arch., Geol.* Ill.
FALIAFENO, Mrs. MARY A., Keithsburg. *Arch., Bot.* Ill.
FALL, DELOS, B.S., Prof. Nat. Sci. Albion Coll., Albion. *Chem., Zool., Arch., Palæo., Geol., Min* C. Ex. fine minerals and fossils.* Mich.
FARGO, JAMES F., 56 Park Ave., New York. *Min.* Ex. N.Y.
FARLEY, Dr. PORTER, 62 Fitzhugh St., Rochester. *Mic.** N.Y.
FARLOW, W. G., Prof Crypt. Bot., Cambridge.* Mass.
FARNELL, WILLIAM, Macon. *Ferns, Algæ, Hydrozoa.* C. Ex.* Ga.
FARNHAM, CHARLES H., Asst. in Arch. Yale Coll., 143 Prospect St., New Haven. Conn.
FARNSWORTH, P. J., M.D., Clinton. *Materia Medica, Geol.* C. Niagara fossils. Ia.
FARQUHARSON, ROBERT J., M.D., Des Moines. *Anth.** Ia.
FARR, D. C., Glen Falls. *Geol.* N.Y.
FARRAND, KATE E., La Porte. *Ent., Ool.* C. Ex. Ind.
FAUGHT, V. R., Elvaston. *Geol., Orn., Ent.* C. Ex. Ill.
FAVOR, W. A., Lowell. *Bot.* Mass.
FAXON, CHARLES E., Boston. *Bot.* Mass.
FAXON, WALTER, Asst. Prof. Zool. Harvard Univ., Cambridge. *Gen. Zool., Crustacea.** Mass.
FEARING, C. W., A.B., Mass. Inst. Tech., Boston. *Min.* C. Ex.* Mass.
FEATHERSTONE, J. E., Elk River, Sherburne Co. *Min.** Minn.
FEBIGER, CHRISTIAN, Wilmington. *Diatoms.* Del.
FEDERMANN, WILLIAM M., Brookville. *Geol., Min., Chem, Ent.* C. Ex.* Ind.
FEELY, LAURA G., Patchen, Santa Clara Co. *Con.* C. Ex. shells and curiosities. Cal.
FEHR, CARL, San Francisco. *Coleopt., Lepid.* Cal.
FEITSHAUS, Prof. F. R., Springfield. *Geol., Zool.* Ill.
FELCH, Miss G. C., North Sutton, Merrimac Co. *Geol., Tax. Ool.* C. Ex.* N.H.
FELL, GEORGE E., M.D., 93 Prospect Ave., Buffalo. *Mic.* C.* N.Y.
FELL, RACHEL M., Normal. *Bot.* Ex. Ill.
FELLOWS, CHARLES S., 68 Throop St., Chicago. *Gen. Nat. Hist., Diatoms, Desmids, Algæ, Crustacea, and Infusoria.* C.* Ill.
FELTON, L. E., M.D., Potsdam. *Mic.* N.Y.
FERGUS, KENNETH L. D., West Chester. *Bot., Ent., Orn., Moll., Infusoria.* C. Penn.
FERGUS, S, T., West Chester. *Bot.** Penn.
FERGUSON, D. W., 137 Wilson St., Brooklyn, E.D. *Con., Radiates.* C. Ex.* N.Y.
FERGUSON, E. D., Stamford. *Ferns.* C.* Conn.
FERGUSON, JAMES, Mendota. *Metallurgy and Assaying.* C. Ex.* Ill.
FERGUSON, Maj. T. B., Baltimore. *Fish Culture.* Md.

FERNALD, C. H., Prof. Nat. Hist. State Coll., Orono. *Nat. Hist.* C. Ex. Lepid. of Maine for those of other localities. Will purchase or ex. for Tortricidæ of all parts of the world. Correspondence with collectors of Tortricidæ desired. Wishes N. A. Pyralidæ and Pterophoridæ.* Me.

FERNALD, HENRY L., Orono. *Hemiptera.* C. Ex. Desires to correspond with collectors of Hemiptera. Me.

FERNALD, M. C., Pres. Me. State Coll., Orono. *Physics, Ast.** Me.

FERREL, WILLIAM, Ph.D., Coast and Geodetic Surv. Office, Washington.* D.C.

FERRIS, E. J., Little Mountain, Lake Co. *Bot.* Ohio.

FERRIS, F. E., Painesville. *Geol.* C. Ohio.

FEWKES, A. H., Newton Highlands. *Bot., Hymenoptera.* C.* Mass.

FEWKES, J. WALTER, Asst. Mus. Comp. Zool., Cambridge. *Gen. Zool., Cœlenterates.* Mass.

FICKLIN, JOSEPH, Ph.D., Prof. Math. and Ast. State Univ., Columbia.* Mo.

FIELD, A. W., Leominster. *Chem., Mic., Photog., Anth., Gen. Biol.** Mass.

FINKELNBURG, WILLIAM A., Fountain City, Buffalo Co. *Bot., Geol., Palæo., Potsdam fossils.* C. Ex.* Wis.

FISH, AZEL H., 26 Nevada Block, San Francisco. *Molluska.* C. Ex.* Cal.

FISH, CHARLES, Brunswick. *Ent.: Pterophoridæ of the world.* C. Ex.* Me.

FISH, GEORGE T., 42 Arcade, Rochester. *Bot., Fungi.* C.* N.Y.

FISH, M. W., M.D., Prof. Physiol. and Mic. Univ. of Cal., Berkeley.* Cal.

FISHER, A. K., M.D., Sing Sing. *Orn.* C. N.Y.

FISHER, DAVENPORT, 642 Marshall St., Milwaukee. *Chem.** Wis.

FISHER, F. G., Mulberry. *Min., Palæo., Ent.* C. Ex.* Ohio.

FISHER, HERSCHEL I., Richmond. *Arch.* C.* Ind.

FISHER, J. H., M.A., 106 Mt. Hope Ave., Rochester. *Infusoria.* C. Ex. N.Y.

FISHER, J. M., Musquadoboit Harbor, Halifax Co., N. S. *Moll., Crypt. Bot.* Canada.

FISHER, Mrs. MARY, Chillicothe. *Bot., Ferns.* C. Ex. Ill.

FISHER, ORVILLE, Sanitary Engineer, Providence. R.I.

FISHER, WILLIAM HUBBELL, Rooms 12 and 13 Wiggin's Block, Cincinnati. *Orn., Anat. of Birds.* C. Ex.* Ohio.

FISK, D. M., A.M., Prof. Geol. and Biol. Hillsdale Coll., Hillsdale C. Will furnish Western plants, and Palæo. fossils from many horizons in ex. for *everything else that should replace the recently burned Hillsdale Coll. Mus.* Correspondence invited.* Mich.

FISK, LYMAN B., Charlestown. *Bot., Geol., Min., Phys., Zool.** Mass.

FITCH, E. H., Ed. Journal of Science, and Sec. Soc. of Nat. Sci., Toledo. *Orn., Ool.* Ex.* Ohio.

FITCH, T. T., Box 393, San Francisco. *Mic.* Cal.

FITE, C. C., M.D., Shelbyville. *Geol.* C. Tenn.

FLAGG, BERNARD W., A.M., 10 Concord Ave., Cambridge. *Phæn. Bot.* Mass.

FLANDERS, Mrs. G. H., Minneapolis. *Min., Fossils.* C. Ex.* Minn.

FLANDERS, THOMAS U., A.M., M.D., Springfield. *Mic., Diatoms.* C. Ex. Mo.

FLEMING, JOHN, Readington, Hunterdon Co.* N.J.

FLETCHER, Miss ALICE C., Lecturer on Anthropology and Am. Archæology, 229 West 23d St., New York. *Anth., Am. Arch.* C. Ex. N.Y.

FLETCHER, CHARLES R., Lecturer on Chem. Boston Univ., State Assayer, Boston. *Chem.* Mass.

FLETCHER, Mrs. F. A., 919 Hawthorn Ave., Minneapolis. *Geol., Min.* C. Ex. **Minn.**

FLETCHER, F. F., L. B. 83, St. Johnsbury. *Numismatics, Geol.* C. Ex.* **Vt.**

FLETCHER, HUGH, B.A., Geolog Surv., Ottawa. *Geol.* **Canada.**

FLETCHER, JAMES, Library of Parliament, Ottawa, Ont. *Ent., Bot., Con.* C. Ex. Spec. Lepid. Aquat. plants and Compositæ.* **Canada.**

FLETCHER, S. L., Charleston. *Geol., Min.* C. Ex. N.H. and Vermont minerals. **N.H.**

FLETCHER, THOMAS, Keokuk. *Geol.* **Ia.**

FLINT, Mrs. C. C., Florence. *Ent.** **Mass.**

FLINT, JAMES M., Surg. U.S. Navy, Smithsonian Inst., Washington. *Mic.* C.* **D.C.**

FLINT, MARTHA BOCKÉE, A.M., Shelbyville. *Phæn. Bot., Geol.* C. Ex.* **Ky.**

FLINT, WILLIAM C., 216 Sansome St., San Francisco. *Min., Shells, Orn., Ool.* C. Ex. in Ool.* **Cal.**

FLINT, WILLIAM F., B.S., Winchester. *Bot.* C. Ex.* **N.H.**

FLORER, T. W., Waxahachie, Ellis Co. *Orn.* Ex. **Texas.**

FLOOD, MILTON J., Naturalist and Taxidermist, Sterling. *Min., Ent. Ool., Geol. and Gen. Zool.* C. Ex.* **Mass.**

FOERSTE, AUGUSTUS, 54 Richard St., Dayton. *Bot., Euphorbiaceæ, Palæo., Geol., Zool., Sil. Fossils.* C. Ex. Bot.* **Ohio.**

FOLEY, CHARLES, Lindsay, Ont. *Orn., Ool., Tax.* C. **Canada.**

FOLLETT, DANIEL A., Valley Falls, Cumberland Co. *Min.* C. Ex. **R.I.**

FOLSOM, DAVID, Chicopee. *Mic., Ent.* C.* **Mass.**

FOLSOM, JOHN G., Winchendon, Worcester Co. *Geol., Min., Arch.* C. Ex.* **Mass.**

FONTA, JULES, Horticulturist, New Orleans. *Bot.: Ferns. Ent.* C.* **La.**

FONTAINE, WILLIAM M., Prof. Geol. and Nat. Hist. Univ. of Va. *Fossil Bot.** **Va.**

FOOTE, ALBERT E., M.D., Prof. Chem. and Min., 1223 Belmont Ave., Philadelphia. *Min., Ent., Conch. Orn., Gen. Nat. Hist., Bibliog.* C. Ex.* **Penn.**

FOOTE, EDWARD B., Sr., M.D., 120 Lexington Ave., New York. *Physics, Elect., Anth.** **N.Y.**

FOOTE, E. B., JR., M. D., 120 Lexington Ave., New York. *Mic.** **N.Y.**

FOOTE, LEWIS, Civil Engineer, Worthington, Nobles Co. *Bot.* C.* **Minn.**

FOOTE, LEWIS, Civil Engineer, 39 Detroit St., W. Detroit. *Bot.* **Mich.**

FOORD, ARTHUR H., F.G.S., Geol. Surv. of Canada, Ottawa, Ont. *Palæo.** **Canada.**

FORBES, Prof. CHARLES, 18 Tremont St., Rochester. *Mic.** **N.Y.**

FORBES, S. A., Director Ill. State Lab. of Nat. Hist., Normal. *Zool., Fresh-Water Entomostracæ.** **Ill.**

FORBUSH, EDW. H., V.P., Nat. Hist. Soc., 181 Union St., Worcester. *Orn., Gen. Zool.* Ex. **Mass.**

FORD, CHARLES H., Prof. Nat. Sci. State Normal School, Kirksville. *Bot.: Asters, Salidagos, Orchids, Ferns.* C. Ex. Flor. of Mo. a specialty. Correspondence from Mo. botanists desired. **Mo.**

FORD, ELLEN GOODRICH, A.L., Alfred Univ., Alfred Centre. *Nat. Sci.* **N.Y.**

FORD, H. C., Santa Barbara. *Ferns, Algæ, Arch., Con.* C. Ex.* **Cal.**

FORD, JOHN, Vice Dir. Con. Section Acad. Nat. Sci., Philadelphia. *Con.* **Penn.**

FORD, J. H., Ravenna.* **Ohio.**

FORD, LESTER S., B.A.S., Bussey Inst., Jamaica Plain. *Zool.* **Mass.**

FOREHAND, FREDERICK, Box 803, Worcester. *Orn., Ool.* C. Ex. **Mass.**

FORMANN, J. B., 1150 So. 7th St., St. Louis. *Coleopt., Lepid.* **Mo.**

FORSTER, T. F., Norristown. *Gen. Bot.* C. Ex. **Penn.**
FORSYTH, J., Champaign. *Zool., Geol.* C. Ex. good spec. **Ill.**
FORT, DANIEL G., Oswego. *Pond Life.* C. Ex. **N.Y.**
FORTINER, GEORGE R., M.D., Camden. *Microscopy* * **N J.**
FORTINER, HARRY S., Camden. *Mic., Chem., Crystals.* C. Ex.* **N.J.**
FORTINER, IDA F., M.D., Camden. *Mic.** **N.J.**
FOSTER, A. G., B.A., Indianapolis. *Mexican Arch.* C. **Ind.**
FOSTER, ARTHUR T., 231 Hoffman St., Baltimore. *Min.* C. **Md.**
FOSTER, Rev. ELON, D.D., 123 Hewes St., Brooklyn. *Bot.* C.* **N.Y.**
FOSTER, GRANVILLE F., Prof. of Physiol. So. Ill. Normal Univ., Carbondale. *Anat., Physiol., Meteo.** **Ill.**
FOSTER, WILLIAM L., Hanover, *Bot.: Native Plants.** **Mass.**
FOWLER, AUGUSTUS, Danvers. *Ool.* **Mass.**
FOWLER, Rev. JAMES, M.A., Lecturer on Nat. Sci. Queen's University, Kingston. *Geol., Zool., Bot.* C. Ex.* **Canada.**
FOWLER, SAMUEL P., Danvers. *Orn.** **Mass.**
FOX, J. W., Stony Point., Bourbon Co. **Ky.**
FOX, SAMUEL L., 924 Chestnut St., Philadelphia. *Ophthalmology.** **Penn.**
FOYE, JAMES C., A.M., Ph.D., Prof. Chem. and Physics in Lawrence Univ., Appleton.* **Wis.**
FRADENBURGH, Rev. J. N., Ph.D., Franklin. *Anth., Bot., Geol.* C.* **Penn.**
FRAINE, THOMAS W., 13 Joslyn Park, Rochester. *Zool. and Gen. Tax.* C. Ex.* **N.Y.**
FRAME, THOMPSON, Westtown, Chester Co. *Bot.** **Penn.**
FRANCE, JOHN M., Omaha. *Orn.: Birds of Missouri Valley.* C. **Neb.**
FRANCIS, GEORGE E., M.D., 8 Elm St., Worcester. *Elect., Hort.** **Mass.**
FRANCK, GEORGE, 123 W. Houston St., New York. *Lepid.* C. Ex. **N Y.**
FRANKLIN, G. S., A.M., M.D., Chillicothe. *Ent., Arch.* C. **Ohio.**
FRANKLIN, WM. E., M.D., La Grange, Fayette Co. *Bot., Ent., Meteo., Mic.** **Tenn.**
FRAWLEY, J. A., Stromsburg. *Herpetol., Geol., Arch.** **Neb.**
FRAZER, PERSIFOR, M.E., A.M., Dr. Nat. Sci. (Univ. France)., Prof. Chem. Franklin Inst., 530 Walnut St., Philadelphia. *Geol., Lithol., Mic., Chem.** **Penn.**
FRAZIER, B. W., Prof. of Mining and Metallurgy, Bethlehem. *Min., Metall.* C. Ex. **Penn.**
FRAZIER, G. B., Eganville, Renfrew Co. **Canada.**
FRAZIER, J. V., M.D., Viola, Mercer Co. *Palæo., Geol.** **Ill.**
FREAR, WILLIAM, Dir. Laboratory Univ., Lewisburg. *Chem., Mic.* **Fla.**
FREDERICK, CHARLES, 148 Genesee St., Auburn. *Orn., Ool.* C. Ex. **N.Y.**
FREE, Rev. ALFRED, Falls of Schuylkill, Philadelphia. *Min., Geol., Bot.* C. Ex.* **Penn.**
FREED, A., Lancaster, Fairfield Co. *Min., Chem., Ast., Zool, Bryol., Bot., Geol., Orn.* C. Good foreign minerals for desirable American.* **Ohio.**
FREEDLEY, G. H., 122 So. 19th St., Philadelphia. *Orn.* C. Ex. **Penn.**
FREEDLEY, W. G., 210 So. 24th St., Philadelphia. *Orn., Ool.* C. Ex. **Penn.**
FREEMAN, H. C., C.E., E.M., Alto Pass, Union Co. *Geol., Met., Mining.* C. Examines and reports on mining property, Mining in Ga.* **Ill.**
FRENCH, CHARLES W., A.B., Woodstock. *Geol.* **Vt.**
FRENCH, FRANK, Pecatonica, Winnebago Co. *Mic.** **Ill.**
FRENCH, FRANK, 4 Greig St., Rochester. *Mic.* **N.Y.**
FRENCH, G. H., Mus. of South Ill. Normal Univ., Carbondale. *Bot., Ent.: Lepid.* C. Ex. Have few sets of Col. plants to ex. for shells or insects.* **Ill.**
FRENCH, THOMAS, A.M., Ph.D., Prof. of Physics, Urbana.* **Ohio.**

FRESHWATER, JOHN, Loudonville, Ashland Co. *Arch., Geol.* C. Ex.* **Ohio.**

FRETZ, C. D., M.D., Sellersville, Bucks Co. *Bot.* C. 1200 Penn. and N. J. Pine Barren plants for ex.* **Penn.**

FREY, JOHN, Bellevue Hosp., New York City. *Mic.* C. Ex. Diatoms or objects for Polariscope.* **N.Y.**

FRICK, JNO. H., A.M., Prof. Nat. Sci. Central Wesleyan Coll., Warrenton. *Geol., Bot.* C. Ex. **Mo.**

FRICK, MOSES L., San Diego. *Con.* C. Ex.* **Cal.**

FRIES, GEORGE W., B.P., Friendship. *Mic.* C. Ex.* **N.Y.**

FRISBIE, Dr. J. F., Newton. *Geol., Arch.** **Mass.**

FRISBY, Prof. EDGAR, U.S. Naval Observ., Washington. **D.C.**

FRITZ, HERMAN, Hamilton, Butler Co. *Ast.** **Ohio.**

FROEHLING, HENRY, M.D., Ph.D., Prof. Chem., 1214 E. Main St., Richmond. *Histol., Pathol., Micro-Chem., Min.* C. Ex.* **Va.**

FROHOCK, ROSCOE, Malden. *Crypt. Bot.* C. Ex.* **Mass.**

FROST, A. L., Springvale, York Co. *Min., Geol., Bot.* **Me.**

FROST, Prof. C. P., Hanover. *Mic.* **N.H.**

FROTHINGHAM, Rev. FREDERICK, Milton. **Mass.**

FUCHS, CHARLES, 7 Great Jones St., New York. *Coleopt.* C. Ex. or buy Lucanidæ and Scaribæidæ.* **N.Y.**

FULLER, A. N., Hermosa, La Plata Co. *Geol., Met.** **Col.**

FULLER, A. S., Ridgewood. *Phæn. Bot., Coleopt.* C. Ex.* **N.J.**

FULLER, C. B., Portland. *Zool.* **Me.**

FULLER, Mrs. C. E., Needham. *Bot.: Ent., Orn.** **Mass.**

FULLER, CHARLES G., M.D , 90 Washington St., Chicago. *Hist., Mic.* C. Ex. **Ill.**

FULLER, CHARLES H., (Upper) New Rochelle, Westchester Co. *Bot.* C. Ex.* **N.Y.**

FULLER, FRANK H., Needham. *Coleopt., Lepid.* C.* **Mass.**

FULLER, H. W., care Fuller & Fuller, Chicago. *Mic.** **Ill.**

FULLER, L. A., Supt. Pacific Ex. Co., 216 N. 5th St., St. Louis. *Palæo.* C.* **Mo.**

FULLER, Mrs. R. E., M.D., Macon. *Bot.: Ferns.* C. Ex.* **Ga.**

FULLER, T. O., Needham, Norfolk Co. *Gen. Bot., Orn., Ool.** **Mass.**

FULLER, W. S., M.D., 15 1-2 Main St., Fairport. *Pathol., Histol., Mic.** **N.Y.**

FULLERTON, J. A., Taxidermist, Rutherford Park, Bergen Co. *Orn., Ool.* C. **N.J.**

FYLES, Rev. THOMAS W., Cowansville, P. Q. *Ent.: Neuropt. and Dipt.* C. Ex. Northern for Southern spec. **Canada.**

G.

GABRIEL, R., 468 N. High St., Columbus. *Ast., Mic., Spec. Lens and Speculæ grinding.* **Ohio.**

GADE, GEORGE, Fordham Station, New York. *Nocturnal Lepid., Mic.* C. **N.Y.**

GAGE, SIMON H., B.S., Asst. Prof. Phys. and Lect. on Mic. Tech. Cornell Univ., Ithaca. *Biol., especially Mic.** **N.Y.**

GAILLARD, EDW., 11th and Montgomery Ave., Philadelphia. *Mic., Chem.* C.* **Penn.**

GAINES, J. T., 1310 12th St., Louisville. *Palæo.* C. Ex.* **Ky.**

GAINES, MARSHALL R., A.M., Litchfield. *Min., Geol.* C. Ex. **Conn.**

GALASHAN, W. A., 606 N. 21st St., Philadelphia. *Ent.: Coleopt, Lepid.* C. Ex.* **Penn.**

GALEN, JAMES, Rawlinsville, Lancaster Co. *Bot., Geol., Min., Orn., Ool., Emb., Arch., Con., Philately, Numismatics.* C. Ex.* **Penn.**

GALLAGHER, WILLIAM C., Whitings, Lake Co. *Ent.* C.* **Ind.**

GALLOWAY, G. W., M.A., M.D., Trinidad. *Bot., Arch., Mollusks.* C. **Col.**

GANNETT, HENRY, S.B., E.M., Geographer of Census, Census Office, Washington. *Geography.** **D.C.**

GANSE, CHARLES EDWARD, Jr., Barnesville, Belmont Co. *Ast.** **Ohio.**

GARDINER, Rev. E. S., A.M., Morrisville. *Phæn. Bot., Ferns, Mic.** **N.Y.**

GARDINER, F., Jr., A.B., Middletown. *Ent., Ichth., Emb.* C. N. H. and particularly White Mt. Coleoptera desired in ex.* **Conn.**

GARDINER, Rev. F., D.D., Middletown.* **Conn.**

GARDINER, JAMES T., Dir. N. Y. State Surv., Albany. *Geol., Geog. Surv.** **N.Y.**

GARDNER, LEONARD, South Weymouth. *Math., Ast.* **Mass.**

GARLAND, LANDON CABELL, A. B., LL.D., Prof. Phys. and Ast. Vanderbilt Univ., Nashville. *Elect., Mic., Meteo.** **Tenn.**

GARMAN, H., Normal. *Ent.** **Ill.**

GARMAN, SAMUEL, care Mus. Comp. Zool., Cambridge. *Herpetol., Ichth.* **Mass.**

GARNIER, JOHN H., M.D., Lucknow, Bruce Co., Ont. *Batrachia and Herpetology in all branches, Orn., Mam.* C. Ex. Anxious for ex. from all States in the Union, to trace climatic variations, will ex. with museums in all countries. Have many duplicate species of N. A. reptiles, etc. Reptiles in all classes especially desired. Correspondents in Middle and Southern States desired for purposes of ex.* **Canada.**

GARRETT, HENRY, White Horse, Chester Co. *Min., Mic.* C. Ex. for good spec. **Penn.**

GARRETT, THOMAS, Booth, Garrett and Blair, Analyt. Chem., 919 Chant St., Philadelphia. *Chem.* **Penn.**

GARRISH, J. R., M.D., 40 W. 21st St., New York. *Mic.* **N.Y.**

GARRISON, O. E., C.E., Brainard. *Ent., Orn., Geol.* Esp. *Bot.* C. Ex.* **Minn.**

GARVER, Rev. AUSTIN S., Hopedale. *Phæn. Bot., Ferns, Ent.* C. Ex.* **Mass.**

GARVER, M. M., Cornell Univ., 120 Cascadilla St., Ithaca. *Chem., Min.* **N.Y.**

GASS, Rev. J., Eighth and Gaines Sts., Postville. *Arch., Mound Builders.* **Ia.**

GASTMAN, E. A., Supt. City Schools, Decatur. *Ent., Orn.* C. Ex.* **Ill.**

GATES, Mrs. MARY J., Berkeley, Alameda Co. *Geol., Min., Moll., Bot.* C. Ex. Cal. minerals and shells for Eastern specimens. **Cal.**

GATES, MILO H., B.A., Placerville, El Dorado Co. *Bot.* C.* **Cal.**

GATH, SAMUEL, Oxford, Butler Co. *Arch.* C. Ex. **Ohio.**

GATSCHET, ALBERT SAMUEL, Bureau of Eth., Washington. *Anth., Indian Linguistus, Arch., Eth., Philol.** **D C.**

GATTINGER, A., M.D., Nashville. *Bot.* C. Tennessee plants in ex. for Southern and Western. **Tenn.**

GAUMER, GEORGE F., Prof. Nat. Hist. Univ. of N. M., Box 161, Santa Fe. *Zool., Dipt., Reptiles, Birds.* C. Ex.* **N.M.**

GAUTHROP, H., Kennet Sq. *Ool.* **Penn.**

GAVIT, W. E., Box 3006, New York. *Mic., Ent., Fish Culture.** **N.Y.**

GAY, Dr. FRED. A., 173 Westminster St., Providence. *Min.* C. Ex. **R.I.**

GAYLORD, H. C., 316 Superior St., Cleveland, *Pharmacist.* **Ohio.**

GEARY, DANIEL R., Albany. *Bot.* **N.Y.**

GEBHARD, JOHN, Jr., State Geological Hall, Albany. *Palæo., Arch.* C.* **N.Y.**

GEBHARD, Prof. WILLIAM D., Schoharie. *Palæo.** **N.Y.**

GEDDES, Capt. GAMBLE, A.D.C., Government House, Toronto. *Ent.: Lepid.* C. Ex.* **Canada.**

GEER, Mrs. BYRON L., West De Pere, Brown Co. *Orn.** **Wis.**

GEHERN, H. VON, Ph.D., 92 Pacific Ave., Jersey City. *Chem.* N.J.
GEHRING, J. GEORGE, 48 Abbey St., Cleveland. *Ent.: Coleopt.* C. Ex.* Ohio.
GEISLER, JOSEPH FRANK, Ph.C., East Saginaw. *Phæn. Bot., Lithol., Chem.** Mich.
GENTH, Prof. FRED. A., Ph.D., W. Philadelphia. *Min., Chem.* C. Ex.* Penn.
GENTH, FRED. A., Jr., Univ. Penn., Philadelphia. *Chem.** Penn.
GENTRY, ALAN F., 40 W. Johnson St., Germantown, Philadelphia. *Ool.* C. Ex. Penn.
GENTRY, THOMAS G., 40 W. Johnson St., Germantown, Philadelphia. *Orn., Ool., Bot.* C. Desires eggs and nests from Western, Central and Pacific States in ex. for Eastern spec. Penn.
GERARD, CHARLES B., C.E., Anderson. *Phæn. Bot.* C. Ind.
GERARD, W. R., 9 Waverley Place, New York. *Bot.* Editor Bulletin Torrey Botanical Club. Desires local names of native plants.* N.Y.
GERBER, ANDREW M., Box 205, Columbia. *Bot.* Ex. Penn.
GEREND, JOHN, Sheboygan. *Orn., Ool., Lepid., Herpetol.* C. Ex. Wis.
GERMER, ED. W., M.D., Erie. *Mic.* Penn.
GERNERD, J. M. M., Muncy, Lycoming Co. *Arch., Min., Con., Palæo.* C. Penn.
GERNERD, JAMES W., Alburtis, Lehigh Co. *Orn., Arch., Min.* C. Ex. Penn.
GERNERD, WILSON, Trexlertown, Lehigh Co. *Min., Orn.* C. Ex. Penn.
GERRARD, H., M.D., East Lynne. *Mic.* Mo.
GERRY, A. M., Taxidermist, 2 Odd Fellows' Block, So. Paris. *Orn., Ool., Ichth., Tax., Mammals.* C. Ex.* Me.
GESNER, WILLIAM, M.D., Birmingham. Analytical and Consulting Chemist. *Min.* C.* Ala.
GETMAN, M. J., Gloversville, Fulton Co. *Phæn. Bot.* C.* N.Y.
GIAUQUE, FLORIEN, 4th and Walnut Sts., Cincinnati. *Am. Arch.** Ohio.
GIBBES, L. R., Prof. Coll. of Chem., 28 Coming St., Charleston. C. Ex. S.C.
GIBBS, J. WILLARD, Ph.D., Prof. Math. Phys. Yale Col., 121 High St., New Haven. Conn.
GIBBS, MORRIS, M.D., Howard City. *Orn., Ool., Herpetol.* Mich.
GIBBS, PHIL. H., Oshawa, Ont. *Mam., Orn., Ichth.* C. Ex.* Canada.
GIBBS, WILLIAM, Medford. *Orn., Ool.* C. Ex.* Mass.
GIBBS, WOLCOTT, Rumford Prof., Cambridge. *Chem.* Mass.
GIBBONS, A., St. Johns. *Indian Curiosities.* Ariz.
GIBBONS, Mrs. PHEBE E., Lancaster. *Bot., Ent.* Ia.
GIBSON, CHAS. B., 81 Clark St., Chicago. Analyt. Chemist, Collector of minerals. *Agric., Geol., Crystal., Lithol., Physics.* C. Ex.* Ill.
GIBSON, WILLIAM, Newport. *Geol., Palæo., Arch.* C. Ex. Ind.
GIFFORD, Mrs. HENRY S., 44 Montgomery St., Syracuse. *Bot., Filices.* C. Ex. N.Y.
GIFFORD, WILLIAM E., 54 Pine St., New York. *Analyt. Chem.** N.Y.
GILBERT, B. D, Utica. *Bot., Filices.* C. Ex. N.Y.
GILBERT, CHAS. H., Instructor in Zool. Indiana University, Bloomington. *Ichth.** Ind.
GILBERT, D. W., Keene. *Min.* C. Ex.* N.H.
GILBERT, ELIZA J. C., Keene. *Bot.* C. Ex.* N.H.
GILBERT, GEO. H., Keene. *Min.* C. Ex.* N.H.
GILBERT, G. K., U.S. Geologist, Box 591, Washington. *Geol., Bar. Hyps.** D.C.
GILBERT, HAROLD, St. John, N.B. *Orn.** Canada.
GILBERT, H. R., 11 Jay St., Rochester. *Ent.** N.Y.
GILBERT, WARNER W., 11 Jay St., Rochester. *Ent.* N.Y.

GILHAM, FRANK M., 214 and 216 Battery St., San Francisco. *Arrow heads and arrows* (for sale).* Cal.

GILL, THEO. N., M.D., Ph.D., Smithsonian Inst., Washington. *Gen. Zool., Mam., Ichth., Con.* C. D.C.

GILL, WILLIAM L., 28 S. Prince St., Lancaster. *Palæo., Geol., Ast.* C. Penn.

GILLETT, EDW., Southwick. *Cultivation of native plants.* C. Rare ferns and orchids wanted in ex. for other plants in quantity. Collector of and dealer in N. A. perennial plants. Catalogues sent.* Mass.

GILLETT, WILLIAM W., Buncomb, Fayette Co. *Geol., Min.* C. Ex. ferns, flowers, lead and zinc ores.* Wis.

GILLHAM, ROBERT, Kansas City. *Engineering and Geology.* Mo.

GILLMAN, HENRY, Detroit. *Anth., Bot.** Mich.

GILPIN, Dr. BERNARD, Halifax, N.S. *Orn., Ichth.* Canada.

GILPIN, EDWIN, A.M., F.G.S., Government Inspector of Mines, Halifax, N.S. *Mining Engineer, Local Geol.** Canada.

GILPIN, Ex. Gov., College, Denver. *Chem.* Col.

GILSON, F. H., 161 Franklin St., Boston. *Bot.* C.* Mass.

GILSON, J. C., Supt. of Schools, 1964 San Pablo Avenue, Oakland, Alameda Co. *Min.* C.* Cal.

GISSLER, CARL F., Ph.D., 117 North 5th St., Brooklyn, E.D. *Articulates, Invertebrates in general.** N.Y.

GLACKIN, D. L., Wakefield, Lancaster Co. *Arch.* C. Ex. Penn.

GLASCO, J. M., Gilmer. *Bot., Min.* Land Surveyor.* Texas.

GLASS, JAMES H., M.D., Utica. *Comp. Anat., Con.* C.* N.Y.

GLEASON, E. B., Elmira. *Nat. Hist.** N.Y.

GLEASON, HERBERT, Malden. *Geol., Bib. of Sci.** Mass.

GLEASON, S. O., M.D., Elmira. *Mic., Algæ, Desmids, Diatoms, Palæo., Zool., Anat., Anth., Orn., Myology, Histol. of Vert., Protozoa, Infusoria.** N.Y.

GLOVER, TOWNSEND, Baltimore. *Ent.* Md.

GODBEY, Prof. S. M., Prof. Nat. Science Pacific Methodist College, Santa Rosa. *Geol., Min.* C. Ex.* Cal.

GODDARD, ANSON M., 33 Free St., Portland. *Orn.* C. Ex. Me.

GODDARD, CHARLES, Rockford. *Bot., Comp. Osteol.* C. Ex. Ill.

GODFREY, CHAS. C., M.D., Southport, Fairfield Co. *Chem., Min.* C. Ex.* Conn.

GODING, F. W., M.S., M.D., Tama City. *Orn., Ent., Mam., Ool.** Iowa.

GOESSMAN, C. A., Ph.D., Prof. Chem. Mass Agric. Coll., Amherst. Mass.

GOFF, JOHN L., Gildersleeve's Landing. *Ool., Orn.* C. Ex. Conn.

GOING, C. B., Yonkers. *Orn.** N.Y.

GOLDEN, A. J., Akron. *Geol., Con., Arch.* C. Ex. Ohio.

GOLDSCHMIDT, S. A., E.M., Ph.D., Morse Building, 140 Nassau St., New York. *Chem.** N.Y.

GOLDSMITH, Dr., Philadelphia. *Chem* Penn.

GOLDTHORP, GEORGE J., Mineral Point. *Palæo., Min.* C. Minerals of Wis. and fossils of the Trenton, Galena, and Cincinnati Limestones to ex. for those of other localities.* Wis.

GOMEZ, JUAN E., Monterey. *Ool., Con.* Cal.

GOOCH, F. A., Ph.D., Northern Transcontinental Surv., Newport. *Chem.** R.I.

GOODALE, Prof. GEORGE L., Cambridge. *Bot.** Mass.

GOODE, G. BROWN, Asst. Dir. U.S. National Museum, Chief of Fisheries Division, U.S. Fish Comm., Smithsonian Institution, Washington. *Geog. Dist., Ichth., Nat. Hist. of Bermudas, Fisheries, Comparative Technology.* C. Ex.* D.C.

GOODELL, J. H., M.D., Marseilles, La Salle Co. *Osteol.* Preparing and mounting skeletons of animals to order. C. Ex. Ill.

GOODELL, L. W., Amherst. *Bot.: Floriculture, Ent.: Lepid.* C.* Mass.
GOODFELLOW, EDWARD, Assistant U.S. Coast and Geod. Surv., Washington.* D.C.
GOODHUE, CHARLES F., Webster. *Orn., Lepid.: Sphingidæ, Catocalæ.* C. Ex.* N.H.
GOODFELLOW, GEORGE E., M.D., Tombstone, Cochise Co. *Bot., Emb.** Ariz.
GOODFELLOW, S. E., Tombstone. *Bot.** Ariz.
GOODING, W. A., 861 Bluff St., Dubuque. *Orn.* C. Ex. skins and eggs — good specimens only.* Ia.
GOODRICH, Mrs. L. L., 99 Willow St., Syracuse. *Bot.* Ex. *Filices.** N.Y.
GOODRICH, WILBUR F., C.E., Leominster. *Con., Min.* C. Ex. Desires Helices, F. W. shells, and crystals.* Mass.
GOODRIDGE, J. W., 8 Becket St., Salem. *Orn., Tax.* C. Ex.* Mass.
GOODWILLIE, D. H., M.D., 160 W. 34th St., New York. *Mic.* N.Y.
GOODWIN, A. C., Co. Supt. Schools, Charlestown, Clark Co. *Geol., Palæo., Bot.* C. Lower Sil. and upper Helderberg fossils for ex. Wants only perfect fossils. Ind.
GOODWIN, F. M., Hartland. *Mic., Orn., Ool., Tax. L. and F. W. Shells.* C. Ex.* Vt.
GOODYEAR, W. A., Mining Geologist, San Francisco. *Geol., Engineering.* Cal.
GOOLD, C. H., Morris. *Palæo.: Fossil flora of Mazon Creek, Grundy Co.* C. Ex. Ill.
GORDON, J. R., A.M., Fairport. *Mic.** N.Y.
GORDON, W. E., Patchogue, Suffolk Co. *Algæ, Local Arch.* C.* N.Y.
GORDY, W. F., A.B., Middletown. Teacher Sci. High School. Conn.
GORE, J. HOWARD, Prof. Math. Columbian Univ., Washington. *Ceremonial Government.* D.C.
GORTON, DAVID A., M.D., 291 Broadway, New York. *Geol., Vert., Emb., Hymen., Worms.* N.Y.
GORTON, L. G., High School, Detroit. *Geol., Mic., Phys., Physiol.* C. Ex. bot. mic. slides.* Mich.
GOSS, B. F., Pewaukee, Waukesha Co. *Ool.* C. Ex. in sets.* Wis.
GOSS, Col. N. S., Neosho Falls, Woodson Co. *Orn.* C.* Kan.
GOTT, JOSEPH W., Goshen, Orange Co. *Geol., Min., Palæo.* C. Ex.* N.Y.
GOTTSCHALK, A. C., 193 N. Salina St., Syracuse. *Mic., Bot.* C. Ex.* N.Y.
GOTTWEISS, A., 136 Second St., New York. *Coleoptera, Micro-Lepidoptera.* N.Y.
GOULD, ANNIE M., Upper Stillwater. *Coleoptera.* C. Ex.* Me.
GOULD, S. CLARK, Manchester. *Gen. Sci.* C. Ex.* N.H.
GOWEN, F. H., West Newbury. *Bot., Mic.* Mass.
GRACIE, ALEX. G., Box 26, Summit. *Orn., Ool.* C. Ex.* N.J.
GRADY, JOHN H., Natick. *Orn., Ool., Min., Coins, Curiosities, etc.* C. Ex. Will buy eggs and coins.* Mass.
GRAEF, EDW. L., 40 Court St., Brooklyn. *Lepid.* C. Ex. Desires especially N. A. bombycidæ and noctuidæ.* N.Y.
GRAF, L., Van Buren. *Geol., Invert. Palæo.* C. Ex.* Ark.
GRAHAM, C. W., St. Johnsbury. *Tax., Orn., Zool., and curiosities.* C Ex.* Vt.
GRAHAM, F., E.M., 2615 Pine St., St. Louis. *Min.* C. Ex. Mo.
GRAHAM, H. L., Chew Ave., Germantown, Philadelphia. *Ool.* C. Ex.* Penn.
GRAHAM, I. DAY, Prin. High School, Elmdale, Chase Co. *Ent., Orn.* C. Ex. Kan.
GRANDY, C. D., Prof. Univ. N.C., Chapel Hill. *Nat. Philos.** N.C.

GRANT, CHARLES C., Hamilton, Ont. *Palæo., esp. Palæo. of Niagara formation in Canada.* C. Ex. Niag. fossils.* Canada.
GRANT, G. H., Castleton. *Orn., Ool.* C. Ex. Vt.
GRANT, H. C., Prin. High School, Centreville. *Microscopy.* Ia.
GRANT, JAMES A., M.D., F.G.S., M.R.C.P. (London, Eng.), F.R.C.S. (Edinburgh), Ex. Pres. Canada Med. Assoc., Ex. Pres. Coll. of Surgeons, Ontario, Ottawa. *Geol.* Canada.
GRANT, J. M., Crowellton, Buffalo Co. *Con.* C. . Neb.
GRASSMEIER, F. W., Lagrange, Fayette Co. *Archæol.* Texas.
GRATACAP, L. P., Ph.B., M.A., Am. Mus. Nat. Hist., New York. *Chem., Min.** N.Y.
GRAY, ARTHUR F., C.E., Danversport. *Mollusks.* C. Am. Unionidæ, Am. and Exotic Pupadæ desired in ex. American Land and Fresh Water Shells offered in ex. for Exotic Land Shells, particularly Helicidæ. Correspondents desired.* Mass.
GRAY, Prof. ASA, M.D., Botanic Gardens, Cambridge. *Bot.** Mass.
GRAY, ELISHA, Chicago. *Electrician.* Ill.
GRAY, FRED., Medford. *Ool.* Mass.
GRAY, Mrs. MARY T., Wyandotte. *Con., Geol.* C. Ex. Kan.
GRAYBILL, J. K., Lebanon. *Palæo.* C. Ex. Ohio.
GREEGOR, ISAIAH, 89 Duval St., Jacksonville. *Con.* Ex. or sell. Fla.
GREEN, CALEB, M.D., A.M., Homer, Cortland Co. *Gen. Nat. Hist., Mic.* C.* N.Y.
GREEN, GEORGE C., Factoryville, Wyoming Co. Penn.
GREEN, H. A., Prof. Nat. Sci. Brainerd Inst., Chester. *Min., Kalonology, Met., Chem., Agric., Bot.* Spec. *Ferns, Mosses and Lichens.* Ex. wood and many botanical specimens from N. J. and elsewhere.* S.C.
GREEN, JESSE A., Crawfordsville. *Orn.* C. Ex. Ind.
GREEN, J. C., M.D., 124 Swan St., Buffalo. *Fungi, Algæ, Desmids, Geol., Mic., Biol., Orn.* N.Y.
GREEN, Dr. JESSE C., West Chester. *Met., Mic.* C. Ex.* Penn.
GREEN, N. Y., Battle Creek. *Geol., Arch., Orn.* C. Ex. skins of this locality for other species.* Mich.
GREEN, ROLLIE C., Albion, Dane Co. *Orn., Ool.* C. Ex. for foreign eggs.* Wis.
GREEN, SAMUEL A., M.D., Boston. *Arch.* C. Mass.
GREEN, SAMUEL S., M.S., Prof. Phys. and Chem., Swarthmore Coll., Swarthmore. Penn.
GREEN, TRAILL, M.D., Easton. *Bot.** Penn.
GREEN, WILLIAM LAWRENCE, Box 2334, Boston. *Orn., Ool.* C. Ex. Mass.
GREENAWALT, C. F., Hummelstown. *Min.* Penn.
GREENE, CHARLES AUGUSTUS, M.D., 22 N. 2d St., Harrisburg. General C. Ex.* Penn.
GREENE, Rev. EDW. L., Berkeley. *Bot.* C. Desires Phænogams from everywhere. Those from California in ex.* Cal.
GREENE, F. C., 167 Fourth St., Milwaukee. *Geol.* C. Ex. Wis.
GREENE, HARRY B., 8 Myrtle St., Boston. *Orn., Tax.* Mass.
GREENE, THOMAS A., Milwaukee. *Minerals and fossils from Niagara and Hamilton groups.* Ex.* Wis.
GREENLEAF, ORLANDO C., Belleville, Ont., Machinist. *Elect.** Canada.
GREENLEAF, R. C., 33 Summer St., Boston. *Diatoms, Mic.* C.* Mass.
GREENLEAF, R. W., A.B., Botanic Garden, Cambridge. *Bot.* Mass.
GREENWOOD, E. C., Ipswich. *Orn.* C. Ex. for good specimens. Mass.
GREENWOOD, JAMES, Jr., West Boylston. *Economic Ent.* C. Mass.
GREENWOOD, M., Kansas City. *Math.* Mo.
GREGG, Dr. ROBERT J., San Diego. *Anthropology.* Cal.
GREGG, WILLIAM H., M.D., 43 Cambridge Place, Brooklyn. *Orn., Ichth.* C. N.Y.

GREGORY, Prof E. S., Youngstown. *Microscopy.* **Ohio.**
GREGORY, J. J. H., Marblehead. *Min., Con., Indian Antiquities.* C.* **Mass.**
GREY, ROBERT M., Kenwood, Albany Co. *Ool., Lepid., Coleopt., Palæo.* C. Ex. **N.Y.**
GREY, WILLIAM, Kenwood, Albany Co. *Bot., Ent.* C. Ex. **N.Y.**
GRICE, JOHN T., Waterburgh, Tompkins Co. *Mic.* C.* **N.Y.**
GRIDLEY, Rev. A. L., Benzonia. *Cosmogony.** **Mich.**
GRIFFIN, L. J., Albion. *Zool.* **Mich.**
GRIFFIN, STIMPSON, M.D., Liter, Morgan Co. *Orn.* C. Ex. for Canadian and Brit. skins.* **Ia.**
GRIFFIN, W. W., 32 Johnson St., Lynn. *Ent., Min., Mic., Gen. Biol.* C. Ex.* **Mass.**
GRIFFING, BYRON, Shelter Island. *Arch.* C. Ex.* **N.Y.**
GRIFFING, MOSES B., Shelter Island. *Orn., Ool., Tax., Indian Relics.* C. Ex. in Ool. sets only.* **N.Y.**
GRIFFITH, Mrs. B. M., Springfield. *Bot.* **Ill.**
GRIFFITH, E. H., A.M., Fairport, Monroe Co. *Mic.* C. Ex.* **N.Y.**
GRIFFITH, H. G., M.D., Marengo. *Ent., Palæo.* C. Ex.* **Ia.**
GRIFFITH, Dr. J. P. CROZER, 1420 Chestnut St., Philadelphia. *Gen. Mic., Veg. Histol., esp. Normal and Pathological Animal Anat.* Ex.* **Penn.**
GRIFFITH, S. H., Passed Asst. Surg. U.S.N., U.S.S. Alaska, Navy Dept., Washington. *Mic.** **D.C.**
GRIGGS, A. D., Lawrence. *Geol., Con.* **Kan.**
GRIM, WILLIAM H., Hamburgh. *Min.** **Penn.**
GRINNELL, GEORGE BIRD, Ph.D., Station M, New York. *Osteol., Vert. Palæo., Orn.** **N.Y.**
GROESEL, CHARLES E., Akron, Summit Co. *Ent., Geol.* C. Ex.* **Ohio.**
GROFF, Prof. GEORGE G., M.D., Lewisburg. *Nat. Hist.* C.* **Penn.**
GROH, EDWARD, Brooklyn, E.D. *Ent.* **N.Y.**
GROSS, C. A., Landisville, Atlantic Co. *Bot.* C. Ex. Coll. of Pine Barren plants for Herb.* **N.J.**
GROSS, ORAN R., M.D., 347 W. 34th St., New York. *Phæn. Bot., Crypt. Bot., Moll., Ichth., Orn.* C.* **N.Y.**
GROSSKLAUS, J. F., Navarre, Stark Co. *Chem.* C. Ex. **Ohio.**
GROSSMAN, Prof. JOHN H., Shannon, Carroll Co. *Bot., Phys., Geol.* C. Ex. **Ill.**
GROTE, AUG. R., New Brighton, Staten Island. *Biol., Fossils, Crustacea, Moths.* **N.Y.**
GROUT, D. E., North McGregor. *Ool., Orn., Tax.* **Ia.**
GRUBER, F., Inventor of Zoögraphicon, Director Mus. Woodward's Gardens, 823 20th St., San Francisco. *Zool., Orn., Ool.** **Cal.**
GRUHLKY, A. C., Waterloo, De Kalb Co. *Min., Palæo, Numismatics.* C. Ex. **Ind.**
GRUMBLING, CHRISTIAN M., A.M., Simpson Centenary College, Indianola. *Math., Ast.* **Ia.**
GRUNOW, J., Microscopes, Microscope Objectives, and other Optical Instruments, 70 W. 39th St., New York. *Optics in general.* **N.Y.**
GUIGNARD, J. A., 36 Daly St., Ottawa. *Bot.** **Canada.**
GUILD, A. S., Lowell. *Bot.* C. Ex.* **Mass.**
GUILD, E. W., Monument Station, Wallace Co. *Ent., Coleoptera.* C. Ex. **Kan.**
GUILD, IRVING T., Lynn. *Marine Invert., Sponges, Ferns.** **Mass.**
GUILD, JAMES H., care O. R. & N. Co., Portland. *Con.* **Ore.**
GUILFORD, A. B., Union, Hudson Co. *Bot.: Ferns.* C. Ex. **N.J.**
GUNDLACH, ERNST, Rochester. *Microscopy.* **N.Y.**
GUNN, CHARLES W., Grand Rapids. *Orn., Mam.* C. Ex. **Mich.**
GUNN, WILL., Grand Rapids. *Orn.* **Mich.**

GURLEY, WILLIAM F. E., Danville. *Invert. Palæo.* C. Fossils to ex.* Ill.
GUTTENBERG, GUSTAVUS, Erie. *Bot., Min., Geol.* C. Ex.* Penn.
GUYOT, Prof. A., Princeton. *Geol., Phys. Geog., Arch.* C. Ex. N.J.

H.

HAANEL, Prof. E., Ph.D., Victoria Univ., Cobourg, Ontario. *Chem., Phys., Min.** Canada.
HABERER, JOSEPH V., M.D., 66 Miller St., Utica. *Bot., Cyperaceæ,* (spec. carex.) *Comp. Anat.* C. Rare plants for ex. Solicits correspondence. Desires caricæ from all parts of the world.* N.Y.
HABIRSHAW, FRED., 6 West 48th St., New York. *Diatomaceæ.* C. Ex. N.Y.
HABIRSHAW, JOHN, M.D., F.R.M.S., 137 E. 46th St., New York. *Mic., Vert.* C.* N.Y.
HABIRSHAW, WILLIAM M., F.C.S., Lon., etc., 159 Front St., New York. *Analyt. Chem., Chem. Engineering.* C. N.Y.
HACKER, WILLIAM, 233 So. 4th St., Philadelphia. *Orn., Bot.* C. Ex.* Penn.
HADLEY, E., M.D., 191 Virginia Ave., Indianapolis. *Mic.* Ind.
HADLEY, Miss LIDA D., Richmond. *Geol.* C. Ex. Ind.
HAFER, E. E., Reading. *Min.* Penn.
HAGEMAN, MORRIS, Lebanon, Warren Co. *Palæo., Min.* C. Ex. Ohio.
HAGEN, H. A., M.D., Ph.D., Prof. Harvard Univ., Asst. Mus. Comp. Zool., 7 Putnam Ave., Cambridge. *Ent.* Ex. *Biological specimens. Neuroptera, Pseudo-neuroptera.** Mass.
HAGENY, JOHN H., The Dalles, Wasco Co. *Con., Ent.* Ex.* Ore.
HAGER, ALBERT D., 463 S. Leavitt St., Chicago. *Geol.* C.* Ill.
HAIGHT, CHARLES C., East Homer. *Orn., Bot.* C. Ex. N.Y.
HAIGHT, E. M., Riverside. *Ool.* C. Ex.* Cal.
HAIL, F. G., Greenville, Plumas Co. *Chem., Min., Geol.* C. Ex. Cal.
HAILES, WILLIAMS, M.D., 197 Hamilton St., Albany. *Embryology, Normal and Pathological Histol.* C. Ex.* N.Y.
HAIMBACH, FRANK, 2315 Thompson St., Philadelphia. *Ent. : Lepid., Coleopt., Hymen.* C. Ex.* Penn.
HAINES, A. C., M.D., Columbus. *Nat. Hist.* N.J.
HAINES, BENJAMIN, 1259 Waverly Place, Elizabeth. *Min., Arch.* C. Ex.* N.J.
HAINES, E. M., Pleasant Grove. *Orn.* C. Ex.* Penn.
HAINES, HARRY F., 1259 Waverly Place, Elizabeth. *Ool.* C. Ex.* N.J.
HAINES, H. COPE, Haines St, Germantown, Philadelphia. *Bot.* Penn.
HAINES, Mrs. MARY P., L.B. 1094, Richmond. *Palæo.* C. Ex. Ind.
HAINES, REUBEN, Wayne St., Germantown, and 315 Willing's Alley, Philadelphia. *Anal'yt. Chem., Ent.** Penn.
HAINES. WILLIAM T., West Chester. *Fungi.* Penn.
HAKE, E. G., M.D., New Cumberland, Cumberland Co. *Bot.* (*Crypt.*), *Zool., Mic.* C. Ex. Desires Ophioglossaceæ, Lycopodiaceæ, Isoetes, and Hepaticæ.* Penn.
HALE, ALBERT C., Pres. Colorado State School of Mines, Golden. *Min., Crystal., Lithol., Chem., Met.* C. Ex.* Col.
HALE, Prof. L. B., (Hanover, N.H.), Girard Ave., Philadelphia. *Microscopy.* Penn.
HALE, PHILIP L., 39 Highland St., Roxbury. *Ferns, Algæ, Orn.* Ex. Mass.
HALE, W. C. I., Jamestown. *Mic.* N.Y.
HALE, WILLIAM H., Ph.D., 50 Clinton Ave., Albany. *Gen. Biol., Anth., Comp. Philol.** N.Y.

HALL, A., East Rockport. *Orn.* Birds of Cal. especially desired. C. Ex.* Ohio.

HALL, Prof. A., Burdick, Bath. *Bot.** Mich.

HALL, ASA F., Hudson. *Min., Geol.* C. Ex.* Mass.

HALL, Prof. ASAPH, U.S. Naval Observ., Washington.* D.C.

HALL, Rev. C. H., D.D., 157 Montague St., Brooklyn. *Bot.* C. Ex.* N.Y.

HALL, CLIFFORD B., No. Raynham. *Orn., Ool.* C. Ex. Mass.

HALL, C. W., Prof. Univ. Minn., 4 Grove Place, Minneapolis. *Min., Geol., Lithol.* C. Ex.* Minn.

HALL, DAN., Sutherland Falls. *Geol., Min.* C. Vt.

HALL, EDWIN B., Wellsville, Allegany Co. *Ferns.* C. Ex.* N.Y.

HALL, F. W., M.D., New Haven. *Bot., Orn.* Ex. Conn.

HALL, ISAAC H., 725 Chestnut St., Philadelphia. *Bot.: Ferns, Orchids.* C. Penn.

HALL, JAMES, State Geologist and Director of State Mus. Nat. Hist., Albany. *Geol., Palæo.* C. Ex. Will send Mus. publications in return for books or collections for State museum. N.Y.

HALL, JAMES A., Watsonville, Santa Cruz Co. *General Science.* Ex. Cal.

HALL, JOHN W., Jr., Covington. *Palæo., Min.* C. Ex. Ky.

HALL, L. B., Ph.D., Haverford College, Montgomery Co. *Chem., Phys.** Penn.

HALL, L. BREWER, M.D., 17 So. 16th St., Philadelphia. Penn.

HALL, MARVIN C., Freedom Station, Portage Co. *Stone relics and fossils.* C. Ex. Ohio.

HALL, CAPT. W. P., 2134 W. 3d St., Davenport. *Arch.* Ia.

HALL, W. T., Guyandotte. *Min., Palæo.* C. Ex. W.Va.

HALLOCK, A. P., N.Y. Gas Light Co., 21st St. and Ave. A.* N.Y.

HALLOCK, Prof. E. J., Ph.D., care D. Appleton & Co., New York. *Chem.* N.Y.

HALLOWELL, SUSAN M., Prof. Bot. Wellesley Coll., Wellesley.* Mass.

HALSEY, AMELIA L., La Fayette, Stark Co. *Orn.** Ill.

HALSTED, BYRON D., office of "American Agriculturalist," 751 Broadway, New York. *Crypt. Bot.* N.Y.

HALSTED, WILLIAM S., M.D., Columbia Coll, New York. *Anat.* N.Y.

HAMBACH, G., M.D., 1419 Lami St., St. Louis. *Palæo., Bot.* C.* Mo.

HAMBLIN, FLOYD, Boonville, Oneida Co. *Min.* C.* N.Y.

HAMBLY, D. W., Spanish Ranch, Plumas Co. *Geol., Min., Met., Gen. Biol.* C. Ex. Cal.

HAMEL, THOMAS E., M.A., Prof. Faculty of Arts Laval Univ., Quebec. *Nat. Phil.** Canada.

HAMILL, ALEXANDER, M.D., Baldwinsville. *Arch.* C.* N.Y.

HAMILTON, C. W., Brimfield. *Orn., Geol.* C. Ex.* Ill.

HAMILTON, Miss E., Minneapolis. *Geol.* Minn.

HAMILTON, EDWIN H., Petersburg. *Ool., Nat. Hist.** Ill.

HAMILTON, HUGH, B.Sc., M.D., 212 So. 2d St., Harrisburg. *Chem., Geol.* C.* Penn.

HAMILTON, JOHN, M. D., 18 Ohio St., Allegheny. *Coleopt.* C. Ex.* Penn.

HAMILTON, W. N., Green Castle. *Math.* Ind.

HAMLIN, A. C., M.D., Bangor. *Min., Palæo., Arch., Gen. Nat. Hist.* C. Ex. Me.

HAMLIN, CHARLES E., Mus. Comp. Zool., Cambridge. *Recent and Fossil Marine Mollusca.** Mass.

HAMLIN, D. A., Cambridge. *Bot., Mic.* Mass.

HAMLIN, F. M., M.D., 1 William St., Auburn. *Mic., Con.* C. Ex. Bermuda and W. I. sea-shells in ex. for L. and F. W. and other marine shells. Also mic. objects generally.* N.Y.

HAMLIN, HARRY W., Care Peoria Sugar Refinery, Peoria. *Orn., Ool.* C. Ex. in sets. Would like sets of sea-birds. Ill.

HAMMOND, C. N., 302 Washington St., Boston. *Mam., Orn., Tax.* C. Mass.

HAMMOND, H. A., Jr., West DePere. *Orn.** Wis.

HAMPTON, C. J., Junius, Seneca Co. *Orn., Min., Moll.* C. Ex.* N.Y.

HAMPTON, C. M., E. Hamburg, Erie Co. *Bot.* C. Ex. N.Y.

HANAMAN, C. E., 1 Gale Pl., First St., Troy. *Histol.* C. Ex.* N.Y.

HANCE, THEO. F., M.D., 191 Fulton St., New York. *Histol.* C.* N.Y.

HANCOCK, E. M., Waukon. *Orn., Ool., Ent.** Ia.

HANCOCK, JOSEPH L., 2555 Michigan Ave., Chicago. *Orn., Tax., Gen. Zool.* Ex. C.* Ill.

HANCOX, HENRY A., Spencerport, Munroe Co. *Gen. Nat. Hist.* C. N.Y.

HANG, C., 89 Congress St., W. Detroit. *Mic.* Mich.

HANKE, HENRY C., Minneapolis. *Orn., Ool.* C. Ex.* Minn.

HANKENSON, E. L., Newark, Wayne Co. *Bot., Salices, Carices.* C. Ex. local for other plants.* N.Y.

HANKS, HENRY G., State Mineralogist, and Dir. State Mus., 1124 Greenwich St., San Francisco. Ex. for State mus.* Cal.

HANNA, GEORGE B., Assistant Assayer U.S. Assay Office, Charlotte. *Min. Engineering, Met. and Min., Chem.* C. Ex. Mostly ores, but desires cabinet specimens in exchange.* N.C.

HANNA, HUGH W., Wabash. *Geol., Palæo, Min., Con.* C. Ex. Ind.

HANNAHS, GEORGE, Sr., South Haven. *Bot., Min., Con.* C. Mich.

HANNUM, FRANK A., Easthampton. *Orn., Ool.* C. Ex.* Mass.

HANSON, JAMES F., Fremont. *Bot., Geol.** Neb.

HARBISON, W. F., Spencerville, Allen Co. *Arch., Geol., Moll., Palæo.* C. Ex. Ohio.

HARBRON, GEORGE, P. O. Box 181, Hamilton. *Tax.* C. Ex.* Ohio.

HARCOURT, JAY, Wappinger's Falls. *Ast.** N.Y.

HARD, M. E., A.M., Washington C.H., Fayette Co. *Geol.* C. Ex. Ohio.

HARDAWAY, R. A., Ala. Agric. and Mech. Coll., Auburn. *Engineering.* Ala.

HARDEN, JOHN H., M.E., Phœnixville. *M. and C.E.* C. Ex.* Penn.

HARDY, ARTHUR S., Ph.D., Dartmouth Coll., Hanover. *Math.* N.H.

HARDY, E. R., 420 Congress St., Portland. *Mam., Orn., Reptiles.* C. Me.

HARDY, MANLY, Brewer. *Orn.* C. Ex.* Me.

HARDY, M. C., Readfield. *Mic.* Me.

HARE, Prof. R. B., Ph.D., Agric. Coll., Guelph, Ont. *Chem., Geol.* Canada.

HARE, SIDNEY J., 1017 Grand Ave., Kansas City. *Palæo., Ent., Min., Geol.* C.* Mo.

HAREN, WILLIAM A., 1400 Hickory St., St. Louis. *Mic., Ast.* C. Ex. Mic. slides.* Mo.

HARFORD, W. G. W., 2132 O'Farrell St., San Francisco. *Zool.* Cal.

HARGER, OSCAR, 14 University Place, New Haven. *Isopod Crustacea, Palæo.** Conn.

HARGETT, Rev. C. W., Fairfield, Franklin Co. *Arch., Geol., Nat. Hist.* C. Ex. Ind.

HARGRAVE, C., Rockville. *Articulata, Moll., Geol.* C. Ex. L. and F. W. shells and carboniferous fossils for anything of value.* Ind.

HARGREAVES, H. B., Box 19, Garnerville, Rockland Co. *Mic.: Sections of wood.* C. Ex. N.Y.

HARKNESS, H. W., M.D., Grand Hotel, San Francisco. *Micros., Fungi.* C.* Cal.

HARKNESS, S. J., Florence. *Mic., Fungi.* C. Ariz.

HARKNESS, WILLIAM, Washington. D.C.

HARNED, Mrs. Harriet M., Camden. *Bot.** N.J.
HARPER, ESMONDE, 2035 Wallace St., Philadelphia. *Orn., Ool.* C. Ex. full sets of eggs.* Penn.
HARPER, GEORGE W., Prin. Woodward High School, Cincinnati. *Geol., Con., Palæo.* C. L. Sil. fossils and F. W. and L. Shells for ex.* Ohio.
HARPER, J. B., Rocksville. *Chem.* Ind.
HARPER, R. A., Port Byron, Rock Island Co. *Bot., Geol.* C. Ex. Ill.
HARRIMAN, M. C., Warner. *Orn., Ent., Photography.* C. Ex.* N.H.
HARRINGTON, B. J., B.A., Ph.D., Prof. of Mining, McGill Coll., Montreal. *Min.* C. Ex. Canada.
HARRINGTON, EDW., 23 Boston St., Salem. *Orn., Ool.* Ex. Mass.
HARRINGTON, Mrs. LUCY I., Carlinville. *Bot.* C.* Ill.
HARRINGTON, M., Homestead, Iowa Co. *Ool.** Ia.
HARRINGTON, Prof. MARK W., Dir. of Obs., Ann Arbor. *Ast., Met.** Mich.
HARRINGTON, Rev. W. H., Stillwater. *Arch., Orn.** Minn.
HARRINGTON, W. HAGUE, P.O. Dept. Ottawa. *Ent.* C. Ex. Coleoptera.* Canada.
HARRIS, ELIJAH P., Ph.D., Prof. Chem. Amherst Coll., Amherst. Mass.
HARRIS, I. H., Waynesville. *Geol., Palæo., Arch.* C. Ex.* Ohio.
HARRIS, SARAH C., M.D., Galena. *Bot., Min., Palæo.* C. Ex. Ill.
HARRISON, Prof., Macon. *Nat. Science.* Ga.
HARRISON, EDWIN, B.S., St. Louis. *Geol.** Mo.
HARRISON, FRANK S., Princeton. *Phæn. Bot., Palæo., Geol., Min., Lithol., Arch., Mollusks, Radiates.* C. Ex.* Ill.
HARRISON, GEORGE B., 520 Mulberry St., Bloomington. *Geol.* C. Ex.* Ill.
HARRISON, G. E., Pagetown. *Palæo., Min.* C. Ex. Ohio.
HARRISON, J. B., Franklin Falls. *Bot., Geol.* C. Ex.* N.H.
HARRISON, J. L., North Adams. *Geol.* C. Ex. Mass.
HARRISON, T. F., New York. *Microscopy.* N.Y.
HARRISON, W. G., M.D., 69 Centre St., Baltimore. *Mic.** Md.
HARRISON, WILLIAM H., Easton. *Ent.* Penn.
HARROD, P., M.D., Avon, Fulton Co. *Ool.* C. Ex. Ill.
HART, CHARLES A., Normal. *Con., Bot., Geol.* C. Ex. Marine specimens desired.* Ill.
HART, EDWARD, Ph.D., Adjunct Prof. Chem., Easton. *Chem.** Penn.
HART, THOMAS, Meyers, Monroe Co. *Bot.* Fla.
HARTMAN, JOHN H., Lebanon, Warren Co. *L. and F. W. Shells, Cin. Fossils*, for ex. in *Palæo., Ferns, Min.* C. Ohio.
HARTMAN, W. D., M.D., Westchester. *Con.* C.* Penn.
HARTT, Mrs. CHARLES FRED., 118 Park St., Buffalo. *Geol., Min., Pottery, Antiquities.* C.* N.Y.
HARTWELL, EDW. M., Fellow Johns Hopkins Univ., Littleton. *Biol.* Mass.
HARTWELL, SAMUEL, Lincoln. *Hort. and Agric.* Mass.
HARTZLER, Prof. J. C., Newark, Licking Co. *Arch., Geol., Palæo.*, C. Ohio.
HARVEY, F. L., B.S., Prof. Biology and Geology Ark. Ind. Univ., Fayetteville. *Bot., Zool., Geol., Min.* C. Ex.* Ark.
HARVEY, Hon. J. H., Pres. Iowa State Ornithological Society, Des Moines. Ia.
HARVEY, LEON F., M.D., Buffalo. *Lepid.* C.* N.Y.
HARVEY, WILLIAM, Bradford, Stark Co. *Bot.* C.* Ill.
HASKELL, Miss C. C., Teacher of Botany, Vassar Coll., Poughkeepsie. N.Y.
HASKELL, CHARLES H., Holland Patent, Oneida Co. *Palæo., Min.* C. N.Y.
HASKELL, JOSHUA P., Marblehead. *Min., Con., Bot.** Mass.

HASKINS, J. P., L.B. 432, Saratoga Springs. *Geol., Min., Arch.* C. Ex. N.Y.

HASSE, H. E., M.D., 301 Grove St., Milwaukee. *Bot.* C. Ex.* Wis.

HASSLER, FERDINAND A., M.D., Ph.D., Tustin, Los Angeles Co. *Phæn. Bot., Geog. Dist., Mollusks.* C.* Cal.

HASSON, C. B., Dayton. *Geol., Mollusks.* C. Ex. Ky.

HASSON, W. F. C., U.S.N. Acad., Annapolis. *Palæo.* C. Ex. Md.

HATCH, C. C., Community. *Orn.* C.* N.Y.

HATCH, DELOSS, Oak Centre. *Orn.* C. Ex. birds' eggs and skins for same, and Mins., shells, etc.* Wis.

HATCH, Mrs. DELOSS, Oak Centre. *Ool.* C. Ex.* Wis.

HATCH, P. L., M.D., Minneapolis, State Geol. and Microscopist.* Minn.

HATCH, S. R., Milford. *Diatoms, Min., Mic., Photog., Infusoria, Electricity.* C. Ex. Mass.

HATHAWAY, T. F., So. Paris, Oxford Co. *Bot. Woods a specialty.* C. Ex.* Me.

HAUPT, Rev. C. E., Lancaster. *Mic.* Penn.

HAUPT, H., Jr., M.D., Ph.D., "The Rogers Engineering Library," Univ. of Penn., Philadelphia. *Geol., Bot.* C. Ex. Penn.

HAUPT, J. G., Davenport. *Phæn. Bot., Ferns, Gen. Biol.* C. Ia.

HAWES, ALFRED, Sherborn. (Now in Kimberley, Diamond Fields, So. Africa.) *Orn., Ent.* C. Ex. Mass.

HAWKES, A. A., Wakefield. *Geol., Mic.* C. Ex. Mass.

HAWKIN, H. B., 145 Greene St., Albany. *Ent.: Lepid.* N.Y.

HAWKINS, E. M., Fairplay, Park Co. *Min., Palæo.* C. Ex. Col.

HAWKINS, JAMES, 33–37 River St., Chicago. *Mic.* Ill.

HAWKINS, THOMAS H., M.D., Denver. *Physiol.** Col.

HAWKS, S. G., Hesper. *Bot.* C. Ex. Ia.

HAWLEY, GEO. D., Augusta, Hancock Co. *Palæo., Geol., Min., Ent.* C. Ex.* Ill.

HAWLEY, Mrs. HELEN D., Round Grove, Whiteside Co. *Bot., Ferns, Mosses, Geol., Min.* C. Ex.* Ill.

HAWLEY, Miss MINNIE, Bristol. *Min.** Conn.

HAWLEY, Rev. R. E., M.A., Washington. *Indian relics, Cin. and Carb. Fossils, and Goniatites.* C. Sells specimens.* Ind.

HAWLEY, R. V., 114 Lawn St., Cleveland. *Ent.** Ohio.

HAWN, Prof. FRED., Leavenworth. *Geol.* Kan.

HAWORTH, JOHN, 266 So. 4th St., Philadelphia. Penn.

HAY, GEORGE U., St. John, N.B. *Bot.* C. Ex. N. B. plants for those of Southern and Western States.* Canada.

HAY, O. P., Prof. Nat. Hist. Butler Univ., Irvington. *Reptiles, Fresh-Water fishes, Crustacea.* C. Ex.* Ind.

HAYAN, Miss JENNIE B., So. Royalton. *Shells, Min.* C. Ex. Vt.

HAYDEN, F. V., M.D., LL.D., U.S. Geologist, 1803 Arch St, Philadelphia. *Geol.** Penn.

HAYDEN, N. W., Windsor Locks, Hartford Co. *Bot.* C. Ex.* Conn.

HAYES, A. L., Cañon City. *Ool., Con.* C. Ex.* Col.

HAYES, CHARLES E., cor. Main and Dyre Sts., Frankford, Philadelphia. *Orn., Ool.* C. Ex.* Penn.

HAYES, S. D., M.D., Boston. *Microscopy.* Mass.

HAYMOND, RUFUS, Clarksburg. *Orn.* W.Va.

HAYNES, ERNEST E., Oberlin. *Ool.* C. Ex. Ohio.

HAYNES, Prof. HENRY W., 239 Beacon St., Boston. *Arch.* Mass.

HAYT, H. W., Lowville. *Mam., Orn.* C. Ex.* N.Y.

HAYWARD, E. J., Santa Barbara. *Orn., Ent., Indian relics, Tarantulas, and Tarantula nests.* Cal.

HAYWARD, ROLAND, care Boston Soc. Nat. Hist., Boston. *Ent.: Coleopt., Hymenop.* C. Ex.* Mass.

HAZARD, J. N. Peace Dale. *Analyt. Chem.** R.I.
HAZARD, R. G., 2d, Peace Dale. *Ool.* C.* R.I.
HAZARD, WILLIS P., West Chester, Chester Co. *Agric., Mic., Bibliog., Zool., Gen. Biol., Mammals, Orn.** Penn.
HAZEN, Miss FRANCES M., Mt. Holyoke Female Seminary, South Hadley. *Bot.* Mass.
HAZEN, LEVI, West Hartford. *Min.* C.* Vt.
HAZEN, Gen. W. B., Chief Signal Officer U.S.A., Washington. *Meteorology.* D.C.
HEADING, ALICE J., Peoria. *Bot.* C. Ex.* Ill.
HECOX, LAURA J. F., Santa Cruz. *Con.* C. Cal. shells in ex. for L. and F. W. shells and fossils.* Cal.
HEDDEN, ROBERT E., 33 Brittles Ave., Columbus. *Ool.* C. Ex. Ohio.
HEDGE, FREDERICK H., Jr., Public Library, Lawrence. *Bot.** Mass.
HEDGES, CHARLES E., Orange. C. Ex. N.J.
HEDLEY, GEORGE H., Medina. *Orn., Ool.* C. Ex. for birds of the Northwest, sea birds and foreign birds. Correspondence solicited. Stereoscopic views of birds in exchange for skins.* N.Y.
HEFFNER, Prof. GEORGE H., Kutztown, Berks Co.* Penn.
HEIGHWAY, A. E., M.D., 86 W. 7th St., Cincinnati. *Chem., Geol.* Ohio.
HEIGHWAY, A. E., Jr., M.D., 86 W. 7th St, Cincinnati. *Min., Geol., Mic., Lithol.* C. Ex. Ohio.
HEIGHWAY, S. C., 86 W. 7th St., Cincinnati. *Coleopt., Fossils and Relics.* C. Ex. Ohio.
HEILIGBRODT, L., Bastrop. *Lepid., Hymenop., Coleopt., Reptiles.* C. Texas.
HEILPRIN, ANGELO, Acad. Nat. Sci., Philadelphia. *Paleo.** Penn.
HEIMSTREET, THOMAS B., M.D., 132 2d St., Troy. *Orn., Gen. Zool.* C. Ex. N.Y.
HEISTAND, GEORGE, Marysville. *Ent.: Coleopt., Lepid.* C. Ex. Ohio.
HEITZMANN, Dr. CARL, 39 W. 45th St., New York City. *Biol., Mic., Dermatol.* N.Y.
HELBING, C. R., East Toledo. *Tax.* C. Ohio.
HELBING, T. O., East Toledo. *Tax.* C. Ex. Ohio.
HELLER, J. W., 38th St. and 8th Ave., New York. N.Y.
HELME, JAMES W., Jr., Adrian. *Orn., Tax.* C.* Mich.
HELMUTH, Dr. CARL A., 206 Ohio St., Chicago. *Zool., Bot., Mic.** Ill.
HEMPHILL, HENRY, San Diego. *Moll.* C. Cal.
HENDERSON, GEORGE A., Decatur. Manufacturer of Physical and Chemical Apparatus.* Ill.
HENDERSON, Mrs. J. G., Winchester. *Con., Ool.* Ill.
HENDERSON, Judge JOHN G., Winchester, Scott Co. *Anth., Orn.* C. Ex.* Ill.
HENDERSON, Dr. J. P., Newville, Rockland Co. *Arch., Eth.* C. Ohio.
HENDERSON, LOUIS F., 471 7th St., Portland. *Phæn. Bot., Ferns.* C. Ex.* Ore.
HENDERSON, L. T., Marysville. *Ent.: Lepid., Coleopt.* C. Ex. Ohio.
HENDRICK, M. S., Sandwich. *Min., Ool.* C. Ex. Ill.
HENDRICKS, B. F., Rock Falls. *Min.* Ill.
HENDRICKS, WILLIAM, Hummelstown. *Min.* Penn.
HENLEY, Dr. A., Fairmont. *Arch.* Ex. Ind.
HENRY, JOHN S., Marysville. *Orn., Ool., Tax.* C. Ex. Tenn.
HENRY, JOSEPH K., P.O. Box 263, Salina. *Gen. Bot., Hort., Agric.** Kan.
HENRY, THOS., Assayer, Clairmont. *Chem.* N.M.
HENRY, W. A., Prof. Agric. Univ. Wisconsin, Madison * Wis.
HENRY, WILLIAM A., Ithaca. *Phæn. Bot., Ferns.* C. Ex. N.Y.
HENRY, WILLIAM T., Mineral Point. *Min., Paleo.* C. Ex.* Wis.
HENSEL, GEORGE O., Lancaster. *Tax.* Penn.

HENSHALL, J. A., M D., Cynthiana. *Ichth.** Ky.
HENSHALL, Mrs. J. A., Cynthiana. *Ichth.** Ky.
HENSHAW, H. W., Smithsonian Institute, Washington. *Orn., Eth.* C. Ex. D.C.
HENSHAW, SAMUEL, 77 Newbury St, Boston. *Ent.: Myriapoda.** Mass.
HERBEIN, H. J., Sinking Spring, Berks Co. *Min.* C. Ex. Penn.
HERBERT, W. S. B., Lynn. *Ent.: Coleopt., Mic.* C. Ex.* Mass.
HERBST, WILLIAM, M.D., Trexlertown, Lehigh Co. *Bot.* C. Ex. Penn.
HERDMAN, W. J., Ph.D., M.D., Ann Arbor. *Anat., Ethnol., Anth.* Mich.
HERON, GILBERT C., C.E., Corsicana, Navarro Co. *Con.** Texas.
HERON, WILLIAM M., M.D., Robinson St., Allegheny. *Ast., Mic.* Penn.
HERRICK, C. L., B.S., 81 So. 6th St., Minneapolis. *Invert. Zool., Bot.* C. Ex.* Minn.
HERRICK, F. H., Tilton. *Phæn. Bot.: Filices, Lithol.* C. Ex.* N.H.
HERRICK, F. M., Princeton. *Geol., Min.* C. Ex.* Ill.
HERRICK, HAROLD, Lawrence, Queens Co. *Orn.* C.* N.Y.
HERRMANN, RICHARD, Dubuque. *Geol., Palæo.* Fossils from Galena limestone a specialty. C. Ex.* Ia.
HERVEY, Rev. A. B., Taunton. *Crypt. Bot., Marine Algæ in particular.* C. Ex.* Mass.
HERZER, Rev. H., Berea. *Crypt. Bot., Mosses, Palæo., Geol., Mic., Orn.* C. Ex. Ohio.
HESS, F., Fort Dodge. *Ast., Surveyor and Civil Engineer.** Ia.
HESS, FRANK W., 3d Artillery, U.S.A., address Allegheny College, Meadville. *Orn.* C. Ex. Penn.
HEUSER, H. J., Wytheville, Wythe Co. *Antiquities, Min.* C. Ex.* Va.
HEUSTIS, Mrs. CAROLINE E., Carleton, St. John, N.B. *Ent.: Lepid.* C. Ex. Canada.
HEWITT, W. C., Ypsilanti. *Chem.* Mich.
HEXAMER, C. JOHN, B.S., C.E., 2313 Greene St., Philadelphia. *Anth., Arch., Eth., Ethnog.* C. Ex.* Penn.
HEXAMER, C. R, Chappaqua, Westchester Co. *Bot.* C. Ex. local specimens. N.Y.
HEXAMER, F. M., M.D., New Rochelle. *Bot., Con.* C.* N.Y.
HEYS, THOMAS, Toronto. *Analyt. Chem.* Canada.
HEYWARD, JAMES A., A.M., Prof. Nat. Sci. Claflin Univ., Orangeburg. S.C.
HIBBARD, HOMER N., room 77, Government Building, Chicago. *Coleopt., Lepid.* Ill.
HIBBARD, WILLIAM N., Hyde Park. *Lepid., Coleopt.* C. Ex. Ill.
HICKMAN, JOHN BEAL, San Juan, San Benito Co. *Tax., Phæn. Bot., Ferns, Hort.* C. Ex.* Cal.
HICKS, GILBERT H., Oakley, Saginaw Co. *Orn., Ent.* C. Ex.* Mich.
HICKS, Prof. L. E., Granville. *Invert. Palæo., Geol., Lithol.* C. Ex. Ohio.
HIDDEN, WM. EARL, Stony Point, Alexander Co. *Min., Cryst., Gen. Sci.* (N. Y. address, 142 Broadway.)* N.C.
HIESTAND, J. G., Denver. *Min.* Col.
HIGBEE, CHARLES H., Boston. *Crypt. Bot., Min., Mic.* Mass.
HIGGINS, F. W., Woodmere Cemetery, Detroit. *Bot., Met.** Mich.
HIGGINS, Dr. J. J., 23 Beekman Place, New York. *Mic.* N.Y.
HIGGINSON, CHARLES M., M.E., C. B. & Q. R.R., Chicago. *Min.* C. Ex.* Ill.
HIGGINSON, THOMAS WENTWORTH, 25 Buckingham St., Cambridge. *Ent.* Mass.
HIGH, B. Y., West Point, Cuming Co. *Con.* C. Ex. Neb.
HIGH, EZRA, Poplar Neck. *Arch.* Penn.

HIGLEY, D. J, A.M., Univ. of Mich., Ann Arbor. *Gen. Zool., Comp. Anat., Ent.: Lepid., Coleopt.* C. Ex. Mich.

HIGLEY, W. KERR, Ph.D., Lake Geneva Seminary, Geneva. *Bot.* C.* Wis.

HILDEBRAND, CHARLES, Yale Coll., 34 Chestnut St., New Haven. *Math.* Conn.

HILDRETH, J., Rome. *Min.* C. N.Y.

HILDRETH, JOHN L., M.D., 37 Brattle St., Cambridge. Mass.

HILGARD, EUG. W., Prof. of Agric. Chem., Berkeley. *Agric. Chem., Geol.* Col. in Bot.* Cal.

HILL, Mrs. CHARLOTTE, Florissant, El Paso Co. *Min., Geol.* C. Col.

HILL, CHARLES F., Hazleton, Luzerne Co. *Palæo.* C. Ex. Anthracite fossils for other good specimens.* Penn.

HILL, Rev. E. J., Englewood, Cook Co. *Bot., Geol.* C.* Ill.

HILL, E. K., Brownsville, Yuba Co. *Bot., Orn., Ent.* Ex. Cal.

HILL, F. A., Prin. High School, Chelsea. *Am. Arch.** Mass.

HILL, FREDERIC A., P. O. Box 155, Valley Falls. *Chem., Bot., Mic., Phys., Meteo.** R.I.

HILL, FRANKLIN C., Box 338, Princeton. *Geol., Ent.* N.J.

HILL, GEORGE, Arlington. *Hort.* Mass.

HILL, GEORGE E., Hazleton. *Palæo.* C. Anthracite fossils in ex. for others. Penn.

HILL, Dr. G. H., Ashland. *Am. Antiquities.* C. Ohio.

HILL, HENRY B., Asst. Prof. Chem. Harvard Coll., Cambridge. Mass.

HILL, Dr. H. H., Cincinnati. *Arch., Con., Palæo.* C. Ohio.

HILL, JERE M., Dexter. *Bot., Geol., Min., Chem., Phys., Ast.* C. Ex.* Me.

HILL, J. STUART, M.D., Elmira. *Orn.* C. N.Y.

HILL, LOUIS C., 266 Randolph St., Detroit. *Tax.* C. Ex.* Mich.

HILL, RUSSELL S., Mt. Airy, Philadelphia. *Osteol., Reptiles, Amphibians.* C. Penn.

HILL, W. W., Albany. *Lepid.* C. Ex. Only perfect examples desired, and the same given in return.* N.Y.

HILLER, P. C., Conestoga, Lancaster Co. *Arch.* C. Ex. Will exchange good specimens of Lan. Co. for those of other localities. Only perfect specimens wanted.* Penn.

HILLS, W. D., Odin, Marion Co. *Ool.* C. Ex.* Ill.

HILT, Col. D. F., Pres. Acad. Nat. Sci., Ottawa. *Geol., Arch.* C. Ex. Ill.

HILTON, A. P., 331 Hudson St., New York. *Coleoptera.* C. Ex. N.Y.

HIMES, ISAAC N., M.D., Prof. Med. Coll., Cleveland. *Pathol. and Morbid Anat.** Ohio.

HIND, Prof. H. Y., Windsor, N.S. *Geol.** Canada.

HINDS, J. I. D., A.M., C.E., Ph.D., Prof. Nat. Sci. and Chem. Cumberland Univ., Lebanon. *Chem., Geol.** Tenn.

HINDS, WM. A., Community, Madison Co. *Bot.* C.* N.Y.

HINE, F.B., C.S., Silver Cliff. *Min., Chem.* C. Ex. Col.

HINKLEY, A. A., DuBois, Washington Co. *L. and F. W. Shells.* C. Ex.* Ill.

HINKLEY, HOLMES, 1 Fairfield St., Boston. *Ent.: Lepid.** Mass.

HINMAN, CHAS. D., Columbus Savings Bank Co., Columbus. *Ool.* C. Ex.* Ohio.

HINMAN, C. W., S.B., 32 Hawley St., Boston. *Chem.* Gas Inspector for Mass. Mass.

HINRICHS, G., A.M., M.D., Prof. Phys. Sci. State Univ., Iowa City. *Meteo., Dir. Ia. weather service.** Ia.

HINSDALE, F. L., M.D., Kewanee, Henry Co. *Bot.* C. Ex. Ill.

HINSDALE, Rev. ROBERT G., Pres. Hobart Coll., Geneva. *Ent.: Lepid.* C. Ex. N.Y.

HIPKISS, GEO., Stoneham. *Min.* C. Ex.* Mass.

HITCHCOCK, CHAS., Ware. *Min., Local Orn.** **Mass.**
HITCHCOCK, CHARLES A., Northeast, Erie Co. *Geol., Min.* C. Ex. "Cone in Cone," exchanged **Penn.**
HITCHCOCK, C. H., Prof. Geol. Dartmouth Coll., Hanover. *Geol., Lithol., Ichnol.* C. Ex.* **N.H.**
HITCHCOCK, GEO. N., San Diego. *Astronomy.* **Cal.**
HITCHCOCK, MERRILL, B.A., Asst. Ast. and Phys. Wesleyan Univ., Middletown. **Conn.**
HITCHCOCK, N. M., Knoxville. *Gen. Nat. Hist.* **Ill.**
HITCHCOCK, Prof. R., F.R.M.S., 53 Maiden Lane, New York, Pres. N. Y. Mic. Soc., Ed. Am. Monthly Mic. Journal. *Mic., F. W. Algæ.* C.* **N.Y.**
HOADLEY, FREDERICK H., M.D., New York. *Orn., Osteol.* **N.Y.**
HOBART, ARTHUR, Penn Yan, Yates Co. *Mic., Agric., Bot.* C.* **N.Y.**
HOBBS, BARNABAS C., Bloomingdale. *Geol., Nat. Sci.* **Ind.**
HOBBS, CHAS. E., Winter Hill, Somerville. *Mic., Bot., Diatoms.* Author of Hobbs' Botanical List of Crude Vegetable Drugs. **Mass.**
HOBBS, ORLANDO, Jeffersonville, Clark Co. *Photography, Assay of Minerals and Ores., Geol., Palæo.* C. Lower Silurian to the Hamilton of the Devon. to ex. for Carb. and overlying formations.* **Ind.**
HOBBY, C. M., M.D., Iowa City. *F. W. Algæ.* C. Ex.* **Ia.**
HOBSON, ARTHUR E., 55 Crown St., Meriden. *Geol., Min.* Triassic Fossils and Minerals for ex.* **Conn.**
HOBSON, JAS., Gibraltar. *Mam., Orn., Ichth., Reptiles.* C. Ex. **Mich.**
HOBSON, J. W., Saco. *Horticulture.** **Me.**
HODGE, F., A.B., A.M., M.D., Hudson. *Coleopt.* C. Ex. **Ohio.**
HODGES, G. C., 129 John St., Utica. *Chem., Mic.* C. Ex. **N.Y.**
HODGIN, J. N., 1020 Main St., Richmond, Wayne Co. *Geol.* C.* **Ind.**
HOFFMAN, A. G., Washington. *Ent.: Lepid.** **Ill.**
HOFFMAN, D. A., M.D., Oskaloosa. *Geol., Palæo., Ool., Ent., Arch.* C. Ex. **Ia.**
HOFFMAN, PAUL C., Rockville. *Nat. Hist., Tax.** **Conn.**
HOFFMAN, T., Rockville. *Orn., Ool.* C.* **Conn.**
HOFFMAN, WALTER J., M.D., Bureau Ethnology, Washington. *Anth., Vert. Zool., Min.** **D.C.**
HOFFMEISTER, AUG. W., M.D., Fort Madison, Lee Co. *Ent.: Lepid., Coleopt.* C. Ex. **Ia.**
HOGE, PEYTON H., A.M., Instructor in Math. Univ. School, 109 8th St., Richmond. *Geol., Bot.* C. Ex. **Va.**
HOLBROOK, FRANCIS N., C.E., School of Mines Columbia Coll., New York. *Metallurgy.* **N.Y.**
HOLBROOK, J. J., Keene. *Geol., Bot.* C. Ex.* **N.H.**
HOLBROOK, L., Post Office Box 536, New York. *Geol.** **N.Y.**
HOLBROOK, M. L., M.D., 13 Laight St., New York., Prof. of Hygiene in Women's Med. Coll., N. Y. *Hort., Agric., Plants, Mic., Anat., Myol., Histol.* Would like specimens of vegetable tissue.* **N.Y.**
HOLBROOK, WATSON C., C.E., Colcta, Whiteside Co. *Geol., Comp. Anat., Arch.* C. Ex. Sil. Corals for other specimens. **Ill.**
HOLCOMB, BENTON, West Granby, Hartford Co. *Con., Ool., Min.* C. Ex. Foreign Marine Shells wanted. Correspondence solicited.* **Conn.**
HOLDEN, E. G. D., Grand Rapids. *Arch.* **Mich.**
HOLDEN, E. S., Washburn Observ., Madison. *Ast.** **Wis.**
HOLDEN, ISAAC, A.M., Bridgeport. *Bot.* Making col. for B. Scientific Society.* **Conn.**
HOLDEN, W., 179 Vine St., Cincinnati. *Arch., Araneæ.* C. Ex. **Ohio.**
HOLDER, J. B., M.D., Cur. Zool. Am. Museum, Central Park, New York. *Gen. Biol.** **N.Y.**
HOLDER, MARY H., Berlin. *Bot.* C.* **Mass.**

HOLDREDGE, D. D., Medina. *Tax.* C. Ex. N.Y.

HOLLAND, Rev. F. R., Hope. *Bot., Con.* C.* Ind.

HOLLAND, Prof. J. W., M.D., Louisville. *Gen. Biol.* Ky.

HOLLAND, Rev. W. J., Pittsburg. *Bot., Ent.: Lepid., Coleopt.* Large collection. Desires to ex. or buy insects, esp. from Europe, Asia, and Africa. Also rare books on Ent. Penn.

HOLLICK, ARTHUR, Ph.B., Box 105, New Brighton, Staten Island. *Phæn. and Crypt. Bot., Orn.* C. Ex.* N.Y.

HOLLENBUSH, H. W., 320 Spring Garden St., Reading. *Min., Mic., Fungi and Diatomaceæ.* C. Ex.* Penn.

HOLLISTER, EDWARD H., Greenfield. *Geol., Ent.* Mass.

HOLMAN, DAVID S., Actuary Franklin Inst., 15 S. 7th St., Philadelphia. *Mic.** Penn.

HOLMAN, F. A., M.D., San Francisco. *Orn., Mic.* Cal.

HOLMAN, G. M., B.S., 27 N. 7th St., Philadelphia. *Chem., Mic.* C. Ex. Penn.

HOLMAN, SILAS W., S.B., Instructor in Physics Mass. Inst. Tech., Boston. *Inorg. Chem., Phys., Elect., Mic., Photog., Meteo.** Mass.

HOLMES, BAYARD, Yorkville, Kendall Co. *Moll.* C. Ex. Ill.

HOLMES, E. D., Grand Rapids. *Mic.* Mich.

HOLMES, E. S., D.D.S., Grand Rapids. *Zool.** Mich.

HOLMES, Prof. F. S., Charleston. *Palæo., Geol.* C. Ex. S.C.

HOLMES, Prof. Jos. A., Chapel Hill. *Geol., Bot.* C. Ex.* N C.

HOLMES, J. C., 55 Moffat Block, Detroit. *Ent.* C.* Mich.

HOLMES, Miss MARY E., Box 485, Rockford. *Bot, Orn., Geol., Mic.* C. Ex.* Ill.

HOLMES, WILLIAM, Warsaw, Wyoming Co. *Mic.* N.Y.

HOLMES, W. H., U.S. Geol. Survey, Nat. Museum, Washington. *Geol., Arch.** D.C.

HOLMES, WM. M., Greenwich, Washington Co. *Con.* N.Y.

HOLT, ALFRED F., M.D., 98 Austin St., Cambridgeport. *Histol., Mic. slides of same in ex. for any Mic. objects.** Mass.

HOLTERHOFF, G., Jr., Avondale, Cincinnati. *Orn., Ool.* C. Ex.* Ohio.

HOLWAY, E. W., Decorah. *Fungi, Phæn. Bot., Mic.* C. Ex. parasitic fungi.* Ia.

HOLZINGER, JOHN M., Winona. *Phæn. Bot., Ent.* Ex.* Minn.

HOMES, HENRY A., LL.D., State Library, Albany.* N.Y.

HOMSHER, GEO. W., M.D., Cur. Arch. Brookville Nat. Hist. Soc., Fairfield, Franklin Co. *Arch.* C. Ex. *Geol.* specimens and shells of Co. for spec. in Arch.* Ind.

HONEYMAN, Rev. DAVID, Prof. Geol. Dalhousie Coll., Halifax, N.S. *Geol.* Canada.

HOOD, E. LYMAN, Minneapolis. *Orn, Ool., Ent., Mic.* C. Ex. for European species.* Minn.

HOOD, LEWIS E., Norwich. *Ent.: Coleopt.* C. Ex. Am. Lampyridæ, Coccinellidæ. A few foreign correspondents desired. Conn.

HOOKER, Miss HENRIETTA E., Mt. Holyoke Female Sem., South Hadley. *Math., Bot.* Mass.

HOOKER, J. N., Castleton. *Ool., Orn.* C. Ex. Vt.

HOOPER, FRANKLIN W., Prof. Nat. Sci. Adelphi Acad., 71 S. James St., Brooklyn. *Comp. Anat., Physiol.* C. Ex. Algæ and Corals.* N.Y.

HOOPER, H. T., Sherman, Grayson Co. *Tax.* Texas.

HOOPES, JOSIAH, West Chester. *Bot.: Coniferæ.* C. Penn.

HOOPES, J. S., New Brighton, Beaver Co. *Mic., Geol.* C.* Penn.

HOPE, HENRY W, Paint P. O., Highland Co. *Geol., Arch.* C. Ex.* Ohio.

HOPKINS, ALBERT, Phœnix. *Arch.* C. N.J.

HOPKINS, F. V., M.D., East Lake, Lake Co. *Min., Geol.* C.* Cal.

HOPKIRK, W. H., Burlington. *Bot., Zool.* Ia.

HOPPIN, Miss RUTH, Northampton. *Bot.* C. Ex.* **Mass.**
HOPSON, W. B., New Haven. *Ichth.* **Conn.**
HORN, GEORGE H., M.D., 874 North 4th St., Philadelphia. *Coleoptera of U. S.* C.* **Penn.**
HORN, H. B., M.D., Atchison.* **Kan.**
HORNADAY, WILLIAM T., Taxidermist U.S. Nat. Mus., Sec. Soc. Am. Taxidermists, Washington. *Mam., Gen. Zool.*, Coll. and Tax. in all branches.* **D.C.**
HORNE, A. R., D.D., Allentown. *Bot., Geol., Min., Chem., Phys., Meteo.* C. Ex.* **Penn.**
HORR, ASA, M.D., Dubuque. *Bot.* C.* **Ia.**
HORR, EDW. W., Blandville, Ballard Co. **Ky.**
HORSFORD, B., Springfield. *Geol., Orn.* **Mass.**
HOSFORD, F. H., Charlotte. *Bot.* C. Ex.* **Vt.**
HOSKINS, WILLIAM, 223 S. Green St., Chicago. *Min., Analyt. Chem., Legal Mic.* C. Ex.* **Ill.**
HOSMER, ELIZA, Marshfield. *Phæn. Bot., Crypt. Bot., Ferns.* Ex.* **Mo.**
HOTCHKISS, JED., Ed. of "The Virginias," Consulting Mining Engineer, 346 East Main St., Staunton, Augusta Co. *Geol., Meteo., Physics, Arch., Bibliog., Eth., Ethnog.* C.* **Va.**
HOTCHKISS, M. T., 42 E. Onondaga St., Syracuse. *Phæn. Bot., Filices.* C. Ex.* **N.Y.**
HOTCHKISS, W. H., M.D., New Haven. *Orn.* C. **Conn.**
HOUGH, F. B., Lowville. *Bot.* **N.Y.**
HOUGH, G. W., Dir. Dearborn Observatory, Chicago. *Physics, Elect., Mic., Ast.** **Ill.**
HOUGH, JOSEPH P., Midland City, De Witt Co. *Bot., Chem.* C. Ex.* **Ill.**
HOUGH, R. B., Lowville. *Orn., Bot.* C. **N.Y.**
HOUGH, SAM'L J., 29 St. Paul St., Baltimore. *Ent.: Coleopt.* C. Ex.* **Md.**
HOUGHTON, CHARLES A., West Medway. *Orn.* C. Ex.* **Mass.**
HOUGHTON, PHILIP S., Detroit. *Orn., Ool.* **Mich.**
HOUSTON, GEORGE M., Harrisonville. *Min., Mic.* C. Ex.* **Mo.**
HOVEY, C. H., 69 Tremont St., Boston. *Floriculture, Pomology, Horticulture.* C. Ex.* **Mass.**
HOVEY, C. M., Boston. *Ferns, Mosses, Horticulture.* C. Ex. **Mass.**
HOVEY, Rev. HORACE C., New Haven. *Geol., Anth.* C. Ex. crinoids and cave specimens.* **Conn.**
HOW, Prof. HENRY, Windsor, N. S. *Min.* C. Ex. **Canada.**
HOWARD, CARY, 618 8th St., Oakland. *Coleopt.* C. Ex. **Cal.**
HOWARD, DANIEL N., Medford. *Chem., Arch.** **Mass.**
HOWARD, L. O., Asst. Entomologist Dept. Agric., Washington. *Econ. Ent., esp. Parasitic Hymenoptera.* **D.C.**
HOWARD, SOPHIA E., M.D., Fairport. *Gen. Biol., Mic.* Ex.* **N.Y.**
HOWARD, W. H., Sterling, Whiteside Co. *Geol., Min.* C. Ex. **Ill.**
HOWARD, WALTER H., Adrian. *Chem., Phys., Philol.** **Mich.**
HOWE, Prof. H. A., Denver. *Math., Ast.** **Col.**
HOWE, ALLEN B., Ph.D., Yale Coll., 138 College St., New Haven. *Analyt. Chem.* **Conn.**
HOWE, E. G., Washington. *Bot., Zool., Chem.* C. Ex. **Ill.**
HOWE, ELLIOTT C., M.D., Yonkers. *Bot.: Cyperaceæ, Ferns, Ent., Biol.* C. Ex. in Bot. **N.Y.**
HOWE, H. A., Denver University, Denver. *Ast.** **Col.**
HOWE, J. M., 37 Stone St., Rochester. *Mic.* **N.Y.**
HOWE, LUCIEN, M.D., 5 West Chippewa St., Buffalo. *Mic., Anat.* C. Ex. desired in slides illustrating anatomy and pathology of the eye and ear.* **N.Y.**
HOWE, OLIVER H., Dedham. *Bot.** **Mass.**
HOWELL, EDWIN E., A.M., Rochester. *Min., Geol., Invert. Palæo.** **N.Y.**

HOWELL, JOSEPH, Sauvie's Island, Multnomah Co. *Bot.* C. **Ore.**

HOWELL, ROBERT, Nichols, Tioga Co. *Geol., Palæo., Zool., Arch.* C. Ex.* **N.Y.**

HOWELL, SAMUEL B., M.D., 1513 Green St., Philadelphia. Prof. Min. and Geol. Univ. of Penn. *Palæo., Geol., Chem., Min., Lithol., Mic., Photog. Invert.* C. Ex. Particularly desirous to obtain Polyzoa, recent and fossil.* **Penn.**

HOWELL, THOMAS J., Arthur, Multnomah Co. *Bot.* Collects native seeds, bulbs, ferns, etc.* **Ore.**

HOWERTON, WILLIAM J., Garnett. *Phæn. Bot., Ferns, Geol.* C. Ex. **Kan.**

HOWES, C. H., C.E., Essex. *Geol., Min.* C. Ex. **Mass.**

HOWEY, JOHN M., Box 317, Canandaigua. *Orn., Ool.* C. Ex.* **N.Y.**

HOWLAND, FRANK G., Saratoga Springs. *Ool.* C. Ex. **N.Y.**

HOWLAND, SNOWDON, Box 206, Newport. *Ool.* C. Ex. for sets only.* **R.I.**

HOWLETT, C. K., Rochester. *Orn.* C. Ex. **N.Y.**

HOXIE, WALTER, Port Royal. *Orn.* "Naturalists always welcome at my house." Locality interesting and rich for the Ornithologist, Botanist, Entomologist, and Ichthyologist. **S.C.**

HOY, PHILO R., M.D., Racine. *Ent., Herpetol. and Orn. of Wisconsin.* C.* **Wis.**

HOYSTRADT, LYMAN H., Pine Plains, Dutchess Co. *Phæn. Bot., Filices, Potamogetons.* C. Very fine specimens in ex. for So. and Western specimens. **N.Y.**

HOYT, BROOKS F., Ph.B., Columbus. *Orn., Nat. Hist.* **Neb.**

HOYT. C. K., Waterloo, Seneca Co. *Microscopy.* **N.Y.**

HOYT. D. B., Rockport. *Orn., Ool., Ent., Bot.** **Mass.**

HOYT, J. A., Box 3504, New York. *Microscopy.* **N.Y.**

HOYT, JAMES J., West Chelmsford. *Inventor.* **Mass.**

HUART, Rev. VICTOR A., Prof. Zool. Sem. Chicoutimi, P. Q. *Ent., Bot., Gen. Nat. Hist.* C. Ex.* **Canada.**

HUBBARD, E. H., Fitchburg. *Orn., Ool.* C. Ex. **Mass.**

HUBBARD, G. F., Boston. *Bot., Ent.* C. Ex.* **Mass.**

HUBBARD, G. W., M.D., Prof. of Nat. Sci. Central Tennessee Coll., Nashville. *Bot., Geol., Min.* C. Tenn. plants for ex.* **Tenn.**

HUBBARD, H. G., 114 Griswold St., W. Detroit. Winter address Crescent City, Fla. *Coleopt.* C. Ex.* **Mich.**

HUBBARD, LUCIUS, South Bend. *Ent., L. and F. W. Shells.* C. Ex.* **Ind.**

HUBBARD, OLIVER PAYSON, M.D., LL.D., Prof. Chem. and Pharm. Dartmouth Coll., Hanover. **N.H.**

HUBBARD, W. C., 27 West 9th St., New York. *Phys., Chem., Mic.** **N.Y.**

HUBER, Rev. E. D., 213 W. Marshall St., Richmond. *Mic.* Ex.* **Va.**

HUBER, LEE, Willow St., Lancaster. *Nat. Sci., Min.* C. Ex. **Penn.**

HUBREGTSE, ADRIAN, 34 Cypress St., Rochester. *Bot.* C. **N.Y.**

HUCKEL, Rev. WILLIAM, 161 Maiden Lane, New York. *Bot., Mic.* **N.Y.**

HUCKINS, D. T., M.D., Watertown. *Con.* C. Ex. **Mass.**

HUDSON, B., Peterboro'. *Mam., Orn., Tax.** **Canada.**

HUDSON, GEO. H., Plattsburgh, Clinton Co. *Biol., Coleopt., Con., L. and F. W. Shells.* C. Ex.* **N.Y.**

HUETT, JOHN W., Columbia Station, Lorain Co. *Phæn. Bot., Ferns, Geol., Lepid., Molluska.* C. Ex. **Ohio.**

HUGHART, W. O., Jr., 118 Jefferson Ave., Grand Rapids. *Geol.* C. Ex. **Mich.**

HUGHES, Hon. D. D., Grand Rapids. *Orn.** **Mich.**

HUGHES, W. H., 47 Jefferson Ave., Grand Rapids. *Geol.* C.* **Mich.**

HULL, H. V., M.D., Schenectady, P. O. Box 212. *Mic.** **N.Y.**

HUME, JOHN, Eglington Place, Davenport. *Geol., Palæo., Arch., Eth.* C. Ex.* Ia.

HUMPHREY, D., M.D., Lawrence. *Anth., Gen. Biol., Mic.** Mass.

HUMPHREY, FRED., Lawrence. *Orn., Arch.* C.* Mass.

HUMPHREY, GEORGE W., Dedham. *Bot., Zool.* C.* Mass.

HUMPHREY, JAMES E., No. Weymouth. *Bot., Mic.* Ex. Mic. preparations of Algæ for other preparations.* Mass.

HUMPHREY, WILLIAM, Jackson. *Mic., Micro. Photog.* C. Ex.* Mich.

HUMPHREYS, JOHN J., Eddytown, Yates Co. *Hort., Orn., Ent.* C. N.Y.

HUNT, ALFRED O., McGregor. *Bot., Geol., Min., Mic., Orn.* C. Ex. Ia.

HUNT, ANDREW M., C.E., care Navy Dept., Washington. *Petrology.* C. D.C.

HUNT, DAVID, Jr., A.M., M.D., 149 Boylston St., Boston. *Vert. Emb.** Mass.

HUNT, GEORGE, Box 722, Providence. *Ent., Bot.* C. R.I.

HUNT, GEORGE M., C.E., No. Argyle, Washington Co. *Geol., Bot.* C.* N.Y.

HUNT, HARRY J., 36 Arcade, Cincinnati. *Orn.* C. Ohio.

HUNT, H. W., A.M., Argyle, Washington Co. *Geol.** N.Y.

HUNT, J. F., Garnett. *Geol., Ent.* C. Ex. Kan.

HUNT, Dr. J. G., Philadelphia. *Bot., Mic.** Penn.

HUNT, JAMES G., Frankfort, Herkimer Co. *Geol., Min.* Ex. for Crystals and Min.* N.Y.

HUNT, J. H., M.D., 36 Arcade, Cincinnati. *Mic.* C. Ex.* Ohio.

HUNT, P. G., Indianapolis. *Micros.* Ind.

HUNT, T. STERRY, LL.D., F.R.S., Montreal. *Geol., Min., Chem.** Canada.

HUNT, WILLIAM H., Concord. *Hort.* Mass.

HUNTER, D. E., A.M., Washington, Daviess Co. *Ast.* Ind.

HUNTER, Prof. JAMES, Mt. Carroll. *Min.* Ill.

HUNTER, JENNIE, Garnett. *Palæo.* C. Ex. Kan.

HUNTER, JOHN L., Auburn. *Orn., Ool.* C. Ex.* N.Y.

HUNTER, NANNIE B., Garnett. *Bot.* C. Ex. Kan.

HUNTING, A. J., Natick. *Orn, Ool., Ent.* C. Ex. Mass.

HUNTINGTON, C. M., Clinton, Oneida Co. *Geol., Min.** N.Y.

HUNTINGTON, GEORGE S., C.E., 245 Browne St., Cincinnati. *Native and foreign land shells. Coleopt.* C. Ex.* Ohio.

HUNTINGTON, Prof. J. H., Hyde Park. *Nat. Hist.* Mass.

HUNTLEY, DWIGHT B., Tombstone. *Met., Chem., Geol., Min., Lithol.* C.* Ariz.

HURD, Rev. FAYETTE, Laingsburg. *Mic.** Mich.

HURLBURT, EDWARD, Utica. *Geol., Palæo.* C. Ex.* N.Y.

HURLBURT, W. D., Rochester. *Min., Geol.* Minn.

HURTER, J., 2346 So. 10th St., St. Louis. *Orn.* C. Mo.

HURTY, J. N., Indianapolis. *Chem.** Ind.

HURTY, JOHN, 104 N. Penn St., Indianapolis. *Chem.** Ind.

HUSSEY, FREDERICK, East Orange. *Orn., Ool.* C. Ex. N.J.

HUSSEY, GEORGE B., Box 174, East Orange. *Geol.* N.J.

HUSSEY, JOHN, Prof. Nat. Sci. Purdue Univ., Lafayette. *Nat. Hist.* C. Ex. Ind.

HUSTON, HENRY A., A.M., A.C., 43 North Sixth St., Lafayette. *Physics and Chemistry.* Ex. Chrysoberyl, Brown Tourmaline, Molybdenite, Garnet.* Ind.

HUSTON, SAMUEL, B.S., Richmond, Jefferson Co. *Geol., Palæo., Phæn. Bot.* Desires Geological papers, Books, and Reports in ex. for Coal measure fossils.* Ohio.

HUTCHINS, J. P., Santa Ana. *Orn., Tax.** Cal.

HUTCHINSON, EDWARD S., C.E., M.E., Cannelton. *Mic.** W.Va.

HUTCHINSON, J. H., Warren, Jo Daviess Co. *Zool.* **Ill.**
HYAMS, CHARLES W., Marion. *Ool.* C. Ex.* **N.C.**
HYAMS, F. D., Statesville. *Ool., Con.* C. Ex.* **N.C.**
HYAMS, M. E., Statesville. *Bot.* C. Ex.* **N.C.**
HYATT, ALPHEUS, Prof. of Palæo. and Zool. Mass. Inst. of Technol., Curator Boston Soc. of Nat. Hist., Boston. *Zool., Palæo.** **Mass.**
HYATT BROS., Columbus. *Palæo.* (Devonian [Carboniferous] fossils of Central O.) C. Ex. for good fossils or collection of fossils. **Ohio.**
HYATT, JAMES, Stanfordville, Dutchess Co. *Chem., Bot., Min., Palæo.* C.* **N.Y.**
HYATT, J. D., Morrisania. *Bot., Mic.* **N.Y.**
HYDE, C. A., Cleveland.* **Ohio.**
HYDE, HENRY C., San Francisco. *Mic.** **Cal.**
HYDE, JAMES N., 1818 Indiana Ave., Chicago. *Mic.* C. **Ill.**
HYNDS, F. P., Ralston Station, Weakley Co. *Bot.** **Tenn.**

I.

ICKSTADT, L., 11th Ave., Washington. *Lepid.* C. Ex.* **D.C.**
IDDINGS, J. P., U.S. Geol. Surv., 78th St. and 8th Ave., New York.* **N.Y.**
ILLIG, HIRAM L., Millbach, Lebanon Co. *Arch.* Will ex. for Southern and Western species.* **Penn.**
INGALLS, CHARLES E., East Templeton. *Orn., Gen. Nat. Hist.* C. Ex.* **Mass.**
INGERSOLL, A., San Jose. *Orn., Ool.* **Cal.**
INGERSOLL, ERNEST, Box 420, New Haven. *Orn.** **Conn.**
INGERSOLL, R. G., 1421 New York Ave., Washington. *Eth.* **D.C.**
INGERSOLL, SEYMOUR R., 1374 Euclid Ave., Cleveland. *Ool., Orn., Tax.* C. Ex.* **Ohio.**
INGERSOLL, T. DWIGHT, 702 State St., Erie. *Geol.* C. Ex.* **Penn.**
INGHAM, J. LEWIS, Willimansett, Hampden Co. *Ent., Ool.* C. Ex.* **Mass.**
INGRAM, J., M.D., Vineland. *Met., Geol.* C. **N.J.**
IRISH, CHARLES W., Iowa City. *Civil Engineer.* C.* **Ia.**
IRISH, THOMAS M., Dubuque. *Phæn. Bot., Crypt. Bot., Mosses, Fungi, Ferns.* C. Ex. **Ia.**
IRVING, Prof. ROLAND DUER, State Univ., Madison. *Geol., Min., Microscopic Lithol.** **Wis.**
ISAMAN, S. G., Lewiston. *Bot.** **Idaho.**
ISAMAN, S. G., Rosalia, Whitman Co. *Ferns.* C. Ex. **W.T.**
ISOM, J. F., M.D., Cleveland. *Ent.: Lepid.* C. Ex.* **Ohio.**

J.

JACK, EDW., Fredericton, New Brunswick. *Forestry, Min.** **Canada.**
JACK, JOHN G., Chateauquay Basin, P. Q. *Ent.* C. Ex. Wishes to exchange American for European Lepid. and Coleopt.* **Canada.**
JACKSON, A. W., Univ. of Cal., Berkeley. *Min., Mic. Lithol., Geol.* C. Ex.* **Cal.**
JACKSON, Prof. C. L., Holworthy 11, Cambridge. *Chem.** **Mass.**
JACKSON, E. E., Columbia. *Mic.* **S.C.**
JACKSON, HALLIDAY, West Chester. *Bot.: Lichens, Fungi, Algæ.* **Penn.**
JACKSON, J. A., Des Moines. *Ent., Con.* C. Ex.* **Ia.**
JACKSON, JABEZ, New Brunswick. *Ent.** **N.J.**

JACKSON, JOSEPH, Jr., Prin. High School, Millbury. *Bot., Mic.* C. Ex.* Mass.

JACKSON, SAMUEL, 48 Macdougal St., New York. *Mic.* N.Y.

JACKSON, THOMAS, West Chester. *Orn.* Penn.

JACOB, ERNEST, Box 2836, Denver, U.S. Geol. Survey. *Geol.** Col.

JACOBS, CHAS. P., A.M., Prof. Central Law School., Indianapolis. *Palæo., Ast., Bibliog.* C. Ex.* Ind.

JACOBS, FRANK B., McGregor. *Collects generally.* Ia.

JACOBS, F. O., D.D.S., Newark, Licking Co. *Phæn. Bot., Mic.* C. of Nat. Seeds. Ex.* Ohio.

JACQUES, WILLIAM W., Ph.D., 109 Court St., Boston. *Phys.** Mass.

JÆGER, H. F., Riverside, Cook Co. *Bot.** Ill.

JAHLBERG, CONSTANTIN, Ph.D., Chem. Works, Gray's Ferry, Philadelphia. *Chem.* C. Ex.* Penn.

JAMES, DAVIS L., 177 Race St., Cincinnati. *Bot.** Ohio.

JAMES, HENRY, M.D., Belleville, Ont. *Phys., Phys. and Pathol. Chem. Analyt. Geol.* C.* Canada.

JAMES, I. E., C. & M. E., Tombstone. *Min., Geol., Mic.* C. Ex.* Ariz.

JAMES, JOSEPH F., 177 Race St., Cincinnati. *Bot.* C. Local and Californian Plants for ex.* Ohio.

JAMES, U. P., 177 Race St., Cincinnati. *Palæo., Local Con.* C.* Ohio.

JAMES, WILLIAM, Asst. Prof. Phil. Harvard Coll., Cambridge. Mass.

JAMESON, HENRY, M.D., Indianapolis. *Mic., Chem.** Ind.

JANEWAY, JOHN H., M.D., Asst. Surg. U.S.A., Fort Wallace. *Microscopy.* Kan.

JARECKI, OTTOMAR, Erie. *Chem.* Penn.

JARVIS, GEORGE C., M.D., Hartford. *Geol., Min., Met., Orn., Ent.* Conn.

JASPER, THEODORE, A.M., M.D., Columbus. *Zool., Orn.* C. Ohio.

JAUDON, EUGENE K., Orlando, Orange Co.* Fla.

JAY, J. W., M.D., D.D.S., Richmond. *Palæo., Arch.* C. Ex. L. Silurian fossils for those of other periods.* Ind.

JAYNE, HORACE F., 1826 Chestnut St., Philadelphia. *Comp. Anat., Zool., Coleopt.* C. Penn.

JENCKS, F. T. (Southwick & Jencks), *Naturalist*, 283 Westminster St., Providence. *Orn., Ool., Tax.* C. Ex.* R.I.

JENKS, CHARLES W., Boston, Middlesex Co. *Bot.** Mass.

JENKS, J. W. P., Prof. Brown Univ., Providence, Curator Mus. Brown University. Post office address, Middleboro, Mass.* R.I.

JEFFRIES, J. A., care John Jeffries & Sons, 78 Devonshire St., Boston. *Orn.* C.* Mass.

JEFFERIS, WILLIAM W., West Chester. *Min.* C. Have duplicates from all parts of the country, particularly from this and adjoining counties, for ex.* Penn.

JENISON, O. A., Lansing. *Arch.* Mich.

JENNINGS, A. F., M.D., Calumet. *Mic., Chem.* Mich.

JENNINGS, JOHN L., Cambridge. *Geol.* Ill.

JESUP, Rev. HENRY G., Prof. Nat. Hist., Hanover. *Bot.** N.H.

JEWELL, E. E., Irving. *Con.* Kan.

JEWELL, PLINY, Hartford. *Min.* C. Conn.

JEWELL, THEO. F., Lieut. Com. U.S.N., Torpedo Station, Newport. *Physics.** R.I.

JEWETT, CHARLES, M.D., 307 Gates Ave., Brooklyn. *Mic., Microphotography.* C.* N.Y.

JEWETT, FRED. A., 3079 Gates Ave., Brooklyn. *Bot.* C. Ex.* N.Y.

JEWETT, Prof. FRANK F., A.M., Oberlin Coll., Oberlin. *Chem., Min.** Ohio.

JEWETT, F. R., Woodstock. *Ent.* C.* Vt.

JEWETT, H. S., M.A., M.D., 21 So. Ludlow St., Dayton. *Chem., Lepid., Bot., Geol.* C. Ex. Lepid. of this region in ex. for those of other localities.* Ohio.

JILLSON, B C., M.D., Ph.D., Pittsburg. *Geol., Zool.* **Penn.**
JILLSON, JAMES, Hudson. *Orn., Tax.** **Mass.**
JOHNSON, A. B., Utica. *Fungi, Min., Mic.* **N.Y.**
JOHNSON, A. E., M.D., Minneapolis, E.D. *Fungi, Algæ, Desmids, Diatoms, Mic., Anth., Infusoria.* C.* **Minn.**
JOHNSON, ALBERT I., Hydeville, Rutland Co. *Tax., Orn.* C. Ex.* **Vt.**
JOHNSON, CHARLES, New Brighton, Staten Island. **N.Y.**
JOHNSON, C. A., 174 Lagrave St., Grand Rapids. *Geol., Min., Palæo.* C. Ex. Gypsum polished or natural for other spec.* **Mich.**
JOHNSON, C. B., 186 No. Main St., Providence. *Mic.* C. Ex.* **R.I.**
JOHNSON, C. E., Salt Lake City. *Bot., Chem., Physics, Elect., Mic., Photog., Meteo., Ast.* C. Ex.* **Utah.**
JOHNSON, E. G., Bantam, Clermont Co. *Palæo.* Cin. fossils, L. and F. W. Shells, for ex.* **Ohio.**
JOHNSON, GEORGE A., Taxidermist, Marshall. *Nat. Hist., Orn.** **Mich.**
JOHNSON, Prof. H. A., A.M., M.D., Chicago Medical Coll., 4 16th St., Chicago. *Biol.** **Ill.**
JOHNSON, H. N., 32 Lancaster St., Albany. *Bot.* **N.Y.**
JOHNSON, JAMES S., 4900 Frankford Ave., Frankford, Philadelphia. *Lepid.* C. Ex.* **Penn.**
JOHNSON, Rev. J. S., South Haven. *Arch., Geol.* C. Ex. **Mich.**
JOHNSON, LAURENCE, M.D., 323 W. 27th St., New York. *Bot., Geol.** **N.Y.**
JOHNSON, L. H., Mt. Vernon. *Ool., Orn.* **Ill.**
JOHNSON, N. C., Petersburg. *Palæo., Min.* C. Ex.* **Ind.**
JOHNSON, O. B., Cur. State Cabinet, Salem. *Orn., Ool., Con., Ent.* C. Ex.* **Ore.**
JOHNSON, R. W. S., Hudson. *Arch., Min.* **Mich.**
JOHNSON, S., Holly Springs. *Microscopy.* **Miss.**
JOHNSON, SARAH E., Community, Madison Co. *Bot., Orn.** **N.Y.**
JOHNSON, SAMUEL W., Prof. Chem. Yale Coll., 54 Trumbull St., New Haven. **Conn.**
JOHNSON, WILLIAM D. N., Kanab, Kane Co. *Ent.* C. Ex.* **Utah.**
JOHNSTON, Dr. CHRISTOPHER B., Baltimore. *Mic.* **Md.**
JOHNSTON, DANIEL W., Richmond. *Mam., Orn.* C. **Ind.**
JOHNSTON, ROBERT E., Greensburg. *Geol., Con.* **Ohio.**
JOHNSTON, WALTER, Sacramento. *Bot.: Glumaceous plants, Fungi.* C.* **Cal.**
JONES, ARTHUR, Lansing. *Orn., Ool.** **Mich.**
JONES, Rev. C. M., Eastford. *Orn., Ool.*, C. Ex.* **Conn.**
JONES, F. A., Jr., La Fayette. *Geol., Arch.* C. Ex. **Ill.**
JONES, GEORGE C., Brookfield Centre, Fairfield Co. *Gen. Nat. Hist., Orn., Arch.* C. Ex. South Am. and East India correspondents especially desired.* **Conn.**
JONES, GEORGE WHEELER, M.D., Danville, Vermilion Co. *Phys., Psych.** **Ill.**
JONES, HENRY L., Wellsville. *Geol.* C. Ex.* **N.Y.**
JONES, HOWARD, A.M., M.D., Circleville. *Orn., Ool., Gen. Nat. Hist., Mic., Physiol., Histol.* C. Ex. **Ohio.**
JONES, H. T., Rochester. *Ool.* C. Ex. full sets, with complete data only.* **N.Y.**
JONES, JOHN, Cincinnati Observatory, Mt. Lookout, Hamilton Co. *Ast.* **Ohio.**
JONES, JOHN P., Keytesville, Chariton Co. *Arch., Implements of Iron Ore.* C. Ex. **Mo.**
JONES, J. MATTHEW, Halifax, N. S. *W. I. Marine Con.* C. Ex.* **Canada.**
JONES, JOSHUA, M.D., Denison, Grayson Co. *Orn.* C. **Texas.**
JONES, L., Grinnell. *Ool., Orn.* C.* **Ia.**

JONES, M. R., Rome. *Bot.* N.Y.
JONES, NELLIE A., Lyons Falls, Lewis Co. *Bot.* C. Ex. N.Y.
JONES, R. K., M.D., Ohio St., Bangor. Me.
JONES, RICHARD W., M.A., Prof. Chem. Univ. of Miss., Oxford, Lafayette Co.* Miss.
JONES, WILLIAM, M.D., 61 Broadway, Newburgh. *Diatoms, Mic., Histol.* C. N.Y.
JONES, WILLIAM L., Lebanon. *Orn.* C. Ex. for birds, reptiles, and other mammals. Ill.
JONES, W. MARTIN, Rochester.* N.Y.
JONES, WOODRUFF, Germantown, Philadelphia. *Chem.** Penn.
JORDAN, DAVID S., Prof. Nat. Hist. State Univ., Asst. U. S. Fish Com., Bloomington. *Fishes, Vertebrates generally, Bot.* C.* Ind.
JORDAN, G. BENTON, St. Pau.'s. *Geol.* C. Ex. fossils, antiquities, and fresh-water shells.* Ind.
JORDAN, Mrs. SUSAN BOWEN, Bloomington. *Bot., Ferns, Algæ, Ichth., Orn.* C.* Ind.
JOOR, J. F., M.D., Birdston, Navarro Co. *Phæn. Bot., Ferns, Mosses.* C. Texas.
JOSTIN, J. T., Newburgh. *Mic.* N.Y.
JOY, DOUGLAS A., E.M., M.D., Ann Arbor. *Met., Chem.** Mich.
JUDGE, CHARLES R., cor. 6th and Mound Sts., Cincinnati. *Con.* C. Ex. Ohio.
JUDGE, J. F., Prof. Chem. Cin. Coll. of Pharmacy, Cincinnati. *Con.* C. Ex.* Ohio.
JULICH, WILHELM, 71 Bowery, New York. *Ent.: Coleoptera.* C.* N.Y.
JULIEN, ALEXIS A., Ph.D., School of Mines Columbia Coll., New York. *Lithol., Chem., Geol.* C. Wishes to ex. thin sections of rocks for the same, and for any well-mounted microscopic material.* N.Y.
JUMP, R. E., Oberlin. *Zool., Orn., Ool., Tax.** Ohio.
JUSTICE, A. R. 321 N. 33d St., West Philadelphia. *Ool.* C. Ex. Penn.

K.

KAIN, HENRY C., Camden. *Mic., Diatoms.** N.J.
KASSUBE, J. C., 1121 4th St., S.E., Minneapolis. *Bot., Ent., Geol., Eth.* C. Desires especially to ex. for the more difficult Phæn. and Crypt. specimens, such as Carices, Mosses, Lichens, etc.* Minn.
KAUCHER, Mrs. SAMUEL, Yankton. *Min., Geol., F. W. Shells, Indian Relics.* C. Ex.* Dak.
KAUFMANN, FERDINAND, Jr., Muscatine. *Coleopt.* C. Ia.
KEACH, O. A., Prof. Nat. Sci. Lincoln Univ., Lincoln. Neb.
KEDZIE, ROBERT C., Prof. Chem. Agric. Coll., Lansing. Mich.
KEELER, F. E., Richfield Springs, Otsego Co. *Ool.** N.Y.
KEELER, GEO. D., Toledo, Lucas Co. *Orn., Ent., Min.** Ohio.
KEEN, EUGENE L., 816 Charlotte St., Philadelphia. *Ent.* C. Ex. in Diptera.* Penn.
KEEN, VICTOR E., 816 Charlotte St., Philadelphia. *Bot.* Ex.* Penn.
KEEN, W. W., M.D., 1729 Chestnut St., Philadelphia. *Anat., Mic.* C. Ex.* Penn.
KEENER, W. T., 96 Washington St., Chicago. Collection Marine shells; also keeps illustrated manual of same ($1.00) in ex. for Atlantic and foreign species. Ill.
KEEP, Prof. JOSIAH, Alameda. *Con.** Cal.
KEHR, CYRUS, Sterling, Whitesides Co. *Bot., Geol.* C. Ex. for flowering plants, forest trees, and ferns. Ill.

KEIGHTLEY, Mrs. E. R., Louisville. *Palæo.* C. **Ky.**

KEIM, EDW. T., Dubuque. *Geol., Orn.* C. Ex. Have full line of minerals and fossils of Galena limestone. **Ia.**

KEISER. RUDOLPH, Keokuk. *Ent., Tax.* C. Ex. in Western insects and birds' skins for those of other localities.* **Ia.**

KELLER, ALEX., Auburn, Placer Co. *Min., Crystal., Lithol., Elect.* C. Ex.* **Cal.**

KELLERMAN, Prof. WILLIAM A., Armada. *Bot.* C. Ex.* **Ohio.**

KELLICOTT, D. S., 119 Fourteenth St., Buffalo. *Ent.* C. Ex.* **N.Y.**

KELLOGG, A., M.D., 2132 O'Farrell St., San Francisco. *Bot.* **Cal.**

KELLOGG, J. H., M.D., Battle Creek. *Biol., Histol.* C. Ex. Desires specimens of vegetable tissues.* **Mich.**

KELLOGG, J. H., 1 Ida Terrace, Troy. *Mic.** **N.Y.**

KELLOGG, JUSTIN, 259 River St., Troy. *Min., Emb.* C.* **N.Y.**

KELLOGG, Mrs. OLIVE A., Community, Madison Co. *Bot., Orn.** **N.Y.**

KELLY, M. R., A.M., Morrison. *Nat. Hist.* Ex. for city High school. **Ill.**

KELLEY, HOWARD A., 323 So. 17th St., Philadelphia. *Comp. Anat. of Vert.* **Penn.**

KELLEY, W. L., Harwichport, Cape Cod. *Con.* C. Ex. fine Atlantic shells for others.* **Mass.**

KELSEY, C. A., Theresa, Jefferson Co. *Palæo., Geol., Min.* C.* **N.Y.**

KEMP, Rev. A. F., LL.D., Prin. Ladies' Coll., Ottawa. *Crypt. Bot.: Algæ, Fungi.* C. Ex.* **Canada.**

KENDALL, T. A., Reading. *Min., Arch.* C. Ex.* **Penn.**

KENDALL, Mrs. T. A., Reading. *Con.* C.* **Penn.**

KENDIG, Rev. A. B., 5 Hanover St., Lynn. *Moll.* C. Ex. Correspondence solicited.* **Mass.**

KENEY, M. J., Le Roy. *Bot.* C.* **N.Y.**

KENNEDY, FRANK, Washington, C. H., Fayette Co. *Geol.* C. Ex. **Ohio.**

KENNEDY, GEORGE T., A.M., B.Ap.Sc., Prof. Chem., Geol., and Min. Kings College, Windsor, N.S. *Geol., Min., Palæo., Zool.* Ex* **Canada.**

KEUTGEN, CHARLES, Stapleton. *Met.** **N.Y.**

KENYON, C. A., 50 Chestnut St., Rochester. *Mic.* **N.Y.**

KELPER, WILLIAM A. B., Ph.D., Prof. Nat. Sci. Baldwin Univ., and German Wallace Coll., Berea. *Chem., Min., Geol.* Ex. **Ohio.**

KERR, Prof. J. H., Colorado Springs. *Chem., Geol.* C. Ex.* **Col.**

KERR, W. C., State Geol., Raleigh. *Geol., Min., Con.* C. Ex. Rocks, ores, minerals, and Tertiary fossils for older formations.* **N.C.**

KERSHNER, JEFFERSON E., Prof. of Math. and Ast. Franklin and Marshall Coll., Lancaster. *Ast.** **Penn.**

KERSTING, RUD., Jacksonville. *Bot., Ent.: Colcopt., Lepid., Dipt. Reptiles.* C. Ex.* **N.A. Fla.**

KERVEY, H. R., Box 190, West Chester. *Arch., Eth.* C. Ex.* **Penn.**

KESLER, C. W., Cherry Grove Nursery, Tudell Co. *Min.* **N.C.**

KEUTZING, P., 190 Main St., Montreal. *Orn., Ent., Fishes.* **Canada.**

KEYES, W. H., East Saugus. *Min, Geol.* C. Ex.* **Mass.**

KEYLOR, HOWARD R., Ann Arbor. *Mic.* **Mich.**

KEYWORTH, THOMAS, Marissa, St. Clair Co. *Ent.* C. Ex.* **Ill.**

KIDDER, J. H., Surgeon U.S. Navy, Navy Dept., Washington. *Biol., Mic.** **D.C.**

KIDDER, L. D., Whitfield. **N.H.**

KIEHEL, C. D., Rochester. *Mic., Anat., Vert., Histol of Vert.** **N.Y.**

KILBORNE, F. L., Cornell Univ., Ithaca. *Phæn. Bot., Ferns.* C. Ex.* **N.Y.**

KILGORE, WILLIAM, Minneapolis. *Mic, Ast.* C. Ex. **Minn.**

KILIAN, ED. AUG., 274 Genesee St., Buffalo. *Anth.* C. Ex. **N.Y.**

KILLEBREW, J. B., Com. of Agr. Statistics and Mines, Nashville. *Geol., Min.* C. **Tenn.**

KILMAN, ALVA H., Ridgeway, Welland Co., Ont. *Ent.* C. Ex.* **Canada.**
KILPATRICK, JOSHUA W., Prof. Central Coll., Fayette. *Nat. Hist.** **Mo.**
KIMBALL, FRANK B., M.D., Reading. *Microscopy.* **Mass.**
KIMBALL, Dr. FRANK H., Rockford. *Biol.* C. Ex.* **Ill.**
KIMBALL, J. P., Century Club, 109 E. 15th St., New York. *Geol., Met.* **N.Y.**
KIMBALL, J. P., M.E., Prof. Econ. Geol. Lehigh Univ., Bethlehem. *Geol., Met.* **Penn.**
KING, CLARENCE, U.S. Geologist, 62 Cedar St., Room 10, New York. *Geol.** **N.Y.**
KING, F. H., Dept. Nat. Sci. Normal School, River Falls, *Orn.** **Wis.**
KING, Mrs. JAMES U., Woodstock. *Agric., Marine specimens, Min.* C.* **Vt.**
KING, J. D., Somerset. (Dept. of Mic., Martha's Vineyard, Sumner Institute, Cottage City). *Moll., Algæ, Mic.* C.* **Mass.**
KING, JOHN, M.D., North Bend. *Geol., Mic., Elect., Ast., Gynæcol.* C.* **Ohio.**
KING, Mrs. MARY B. A., Rochester. *Con.** **N.Y.**
KING, Rev. O., Walcottville, La Grange Co. *Geol.* **Ind.**
KING, ROBERT, M.D., Kalamazoo. *Mic., Spec. Fungi and Histol.** **Mich.**
KING, W. H. H., M.D., Jacksonville. *Orn., Ool., Indian Relics.* C. Desires to purchase small collections of either.* **Ill.**
KINGMAN, A. H., Wakefield. *Min., Palæo.* **Mass.**
KINGSBURY, E. A., Needham. **Mass.**
KINGSBURY, HOWARD, Ph.G., cor. 11th and Walnut Sts., Philadelphia. *Ent., Min.* C. Ex.* **Penn.**
KINGSBURY, JOSEPH T., Univ. of Deseret, Salt Lake City. *Phys., Chem.* **Utah.**
KINGSLEY, J. S., Melrose. *Gen. Biol., Ent., Anat. Crustàcea.* Desires Oniscidæ.* **Mass.**
KINNE, C. MASON, 422 California St., San Francisco. *Mic.* C.* **Cal.**
KINNE, E. O., Ph.M., M.D., Syracuse. *Biol.** **N.Y.**
KINNER, HUGO, M.D., 1517 South 7th St., St. Louis. *Eth., Arch., Zool.* C.* **Mo.**
KINNEY, JAMES, Jr., Lamira, Belmont Co. *Geol., Palæo., Min.* C. Ex. L. Silurian fossils in ex. for M. and F. W. shells. **Ohio.**
KIRK, CARRIE A., Richland, Union Co. *Geol., Min., Con., and Modern Indian Relics.** **Dak.**
KIRK, HYLAND C., Phelps, Ontario Co. *Gen. Biol., Palæo.* **N.Y.**
KIRK, ISAAC S., Fremont, Chester. *Min., Arch.* C. Ex.* **Penn.**
KIRK, LAURETTA A., Wakefield. *Min., Bot.* C.* **Penn.**
KIRKWOOD, DANIEL, Bloomington.* **Ind.**
KIRLEY, C. P., M.D., Lowville. *Ool., Orn.* C. Ex. **N.Y.**
KIRKPATRICK, J. A., A.M., Philadelphia. **Penn.**
KIRSCH, Prof. ALEX., Watertown. *Bot., Palæo., Geol., Gen. Biol., Orn. Osteol., Ent.* **Wis.**
KITTOE, E. D., M.D., Galena. *Bot.* **Ill.**
KLAGES, F. W., 130 S. 11th St., Pittsburg. *Ent., Col., Sp.* C. Ex.* **Penn.**
KLEEBERGER, Prof. GEORGE R., San Jose. *Bryology, Arachnida.* C.* **Cal.**
KLEIN, EMIL G., 60 Baden St., Rochester. *Mic.* **N.Y.**
KLEINE, CHARLES B., 274 Eighth Ave., New York. *Mic.** **N.Y.**
KLETT, FRANCIS, Mammoth Cave, Cave City. *Geol.* C. Ex.* **Ky.**
KLINE, HORACE A., Vesta, Johnson Co. *Ool., Tax., Ent., Orn.* Desires Eggs (esp. Foreign), insects, sea-shells, and corals, also works on Orn., Ent., and Ool.* **Neb.**
KLUGEL, C. H., Oakland. *Engineering.* **Cal.**
KNAPP, BUEL, McGregor. *Fossils and Minerals.* C. Ex. **Ia.**

KNAPP, EZRA B., Skaneateles, Onondaga Co. *Geol., Palæo.* C. Ex.* N Y.
KNAPP, HARRISON, M.D., New York. *Microscopy.* N.Y.
KNAPP, JAMES, M.D., 745 E. Main St., Louisville. *Palæo.* C. Ex.* Ky.
KNAPP, LYMAN E., Judge of Probate, Middlebury. *Min., Geol.* C.* Vt.
KNAUS, WARREN, B.S., Buffalo, Wilson Co. *Ent., Hymenop., Lepid., Coleopt.* C. Ex.* Kan.
KNEELAND, SAMUEL, M.D., New York. *Zool., Eth.* N.Y.
KNEELAND, STELLA, Syracuse. *Bot.** N.Y.
KNIGHT, ABEL, Jonesborough, Grant Co. *Agric., Geol., Arch.* C. Ex.* Ind.
KNIGHT, CHARLES M., A.M., Prof. Nat. Sci. Buchtel Coll., Akron. Ohio.
KNIGHT, ELIZABETH G., 125 E. 54th St. (also Normal Coll.). *Bot.* C. Filices for exchange.* N.Y.
KNIGHT, H. D., Pres. Lancaster Mic. Soc., Lancaster. *Mic.* Penn.
KNIGHT, Rev. P. S., Salem. *Orn.** Ore.
KNIPE, Rev. S. W., Delaware Water Gap. *Bot., Min.* C.* Penn.
KNOTT, W. T., Lebanon. *Geol., L. and F. W. Shells.* C. Ex. for the Devon., Waverly, and Cin. Ky.
KNOWLES, CHARLES J. A., The Ferns, Tampa, Hillsboro' Co. *Bot., Con., Gen. Nat. Hist.* C. Collector of Florida plants and shells. Send stamp for price list.* Fla.
KNOWLES, H. M., Milnersville, Guernsey Co. *Min., Palæo., Arch.* C.* Ohio.
KNOWLTON, E. J. M., Big Lake, Sherburne Co. *Ool., Arch., Palæo.** Minn.
KNOWLTON, FRANK H., Brandon. *Orn., Ool., Phænogamous and Vascular Cryptogamous Botany.* C. Ex.* Vt.
KNOWLTON, W. J., S.B., 168 Tremont St., Boston. Dealer in Minerals, Gems, and Naturalists' Supplies. *Orn., Geol., Chem., Min.* C. Ex.* Mass.
KNOX, S. B. P., A.M., M.D., Santa Barbara. *Algæ, Mic., Ent.* C. Ex. Cal.
KOCH, CHARLES, 502 Diamond St., Philadelphia. *Coleopt.* C. Ex. Penn.
KOCHER, J. F., M.D., Guths Station, Lehigh Co. *Orn., Ool., Tax.* C. Ex.* Penn.
KOCHLER, F., Bushnell. *Geol, Min., Arch.* C. Ex. local fossils. Ill.
KOCSIS, ALEX., Tullahoma, Coffee Co. *Philol., History.** Tenn.
KOEBELE, ALBERT, Dept. Agric., Washington. *N.A. Lepidoptera.* C. Ex.* D.C.
KOEHLER, FRED., Litchfield. *Tax., Orn.* C.* Conn.
KOENIG, GEORGE A., Prof. Chem. Univ. Penn., W. Philadelphia. *Chem., Min., Geol.* Penn.
KOST, J., M.D., LL.D., Prof. Geol. and Nat. Hist. Adrian Coll., Adrian. *Geol., Nat. Hist.* C. Ex. Duplicates in extra quantities. Correspondence solicited.* Mich.
KRAUSKOPF, ED., Friedrichsburg, Gillispie Co. *Ent.* Texas.
KREBS, T. L., 45 West 3d St., Mansfield. *Ent., Lepid., Coleopt.* C. Ex.* Ohio.
KREMBS, ERNST, 508 First Avenue, Milwaukee. *Bot.* Wis.
KRESS, FRED., Rockville. *Ool.* Conn.
KRESS, OSCAR DE, Evansville, Vanderburgh Co. *Mic., Histol., Ent., Fungi.** Ind.
KRIDER, JOHN, N.E. cor. Second and Walnut Sts., Philadelphia. *Orn., Ool.* Penn.
KROUT, Prof. A. F. K., A.M., Coplay. *Bot., Min.* C. Ex. desired.* Penn.
KRUTTSCHNITT, J., Box 144, New Orleans. *Veg. Phys., Mic.** La.

KUETZING, P., 49 1-2 Courville St., Montreal. *Orn., Ent.* N. A. Spingidæ wanted in ex. for Canadian spec. Canada.
KUHLMAN, A., 222 Jefferson Ave., Detroit. *Mic.* Mich.
KUHN, MARIA L., Box 213, Peoria. *Phæn. Bot.* C.* Ill.
KUITHAN, E. F., Burlington. *Orn., Ool.* C.* Ia.
KUITHAN, Dr. F., Burlington. *Orn.** Ia.
KUMLIEN, A. L., Busseyville. *Orn., Ichth., Ent.* Wis.
KUMLIEN, FRITHIOFF, Madison. *Orn.* Wis.
KUMLIEN, THURE, Albion. *Bot.* Wis.
KUMMER, ALFRED, A.M., Supt. City Schools, South Bend. *Orn.* C. Ex. Ind.
KUNZ, GEORGE F., Gemmist, 408 Garden St., Hoboken (also with Tiffany & Co., N.Y.). *Min.* C. Ex.* N.J.
KUNZE, RICHARD E., M.D., 606 Third Ave., New York. *Med. Bot.* Cacti of the genera *Phyllocactus and Cereus.** N.Y.
KURTZ, KATE FISHER, Box 369, York. *Bot.** Penn.

L.

LACOE, R. D., Pittston, Luzerne Co. *Palæo., Min.* C. Carb. fossils especially wanted in ex. for minerals, fossils, or money consideration. Correspondence solicited with persons having fossils of any kind for sale, especially well-selected collections.* Penn.
LACY, WILLIAM H., Ripon. *Bot., Ferns, Fungi.* C. Ex.* Wis.
LAFLAMME, J., Cl.K., D.D., Prof. Univ. Laval, Quebec. *Min., Geol.** Canada.
LAFLEUR, HENRI A., Ste. Famille St., Montreal. *Bot., Min., Geol., Palæo.* Canada.
LAKES, Prof. ARTHUR, State School of Mines, Golden. *Geol., Nat. Hist.* C. Col.
LAMB, THOMAS F., 56 Spruce St., Portland. *Geol., Min.* C. Ex.* Me.
LAMB, W. F., Box 396, Holyoke. *Tax., Orn., Ool., Arch.* C. Ex. for extreme Northern species.* Mass.
LAMBERT, THOMAS, Lonsdale. *Orn., Ool., Mam., Tax.* Coll. of 1000 specimens. Ex. or sell.* R.I.
LAMBORN, GEORGE S., Liberty Square, Lancaster Co. *Min., Geol., Palæo., Con.* C. Ex.* Penn.
LAMBOTTE, J. B. ACHILLE, Liberal, Barton Co. *Min.* C.* Mo.
LAMOREUX, CHAS G., Fenville. *Ent., Geol., Min.* C.* Mich.
LAND, THOMAS, Lancaster. *Phæn. Bot.* C. Penn.
LANDRETH, OLIN H., A.M., C.E., Vanderbilt Univ., Nashville. *Engineering, Geodesy.* Tenn.
LANDY, DE LUCIEN CHARLES, Am. Mus. Nat. Hist., 77th St. and 8th Ave., Central Park, New York. *Technical Photog.* N.Y.
LANE, ALVIN V., C.E., Ph.D., Vanderbilt Univ., Nashville. *Ast.** Tenn.
LANGDON, F. W., M.D., 36 Arcade, Cincinnati. *Orn., Gen. Zool., Anth., Comp. Anat.* C.* Ohio.
LANGGUTH, J. G., 38 E Madison St., Chicago. *Mic.* C.* Ill.
LANGILLE, J. H., Knowlesville, Orleans Co. *Orn, Bot.* C. Ex. N.Y.
LANGLEY, SAMUEL P., Observatory, Allegheny City. *Ast.* Penn.
LANGSTROTH, J. A., 532 Cal. St., San Francisco. *Mic.** Cal.
LANGWORTHY, Dr. H. H., 29 Elizabeth St., Rochester. *Mic.* N.Y.
LANNIN, JOSEPH, South Haven. *Antiq. Hist. and Biblical Lit.** Mich.
LANPHERE, ALVIN T., Coldwater. *Geol., Arch.* C.* Mich.
LANSING, R. H., 2 South St., Rochester. *Mic.** N.Y.
LANTZ, P. A., Saegersville, Lehigh Co. *Bot., Min., Geol.* C. Ex.* Penn.

LANZA, GÆTANO, Prof. of Theoretical and Applied Mechanics Mass. Inst. Technol., Boston.* Mass.

LA PIERRE, E. H., 32 River St., Cambridgeport. *Bot.** Mass.

LARISON, CORNELIUS W., M.D., Prof. Zool., Univ. Louisburg, Prin. Acad Sci. and Arts, Ringoes. *Zool., Biol.* C. Ex. Fishes.* N.J.

LARKIN, ETHAN PENDLETON, Ph.D., Prof. Nat. Hist. Alfred Univ., Alfred Centre, Allegany Co. *Palæo., Geol., Min., Zool., Emb., Anat., Vert. Articulates.* C. Ex.* N.Y.

LASHER, Rev. Dr., Madisonville. *Arch.* Ohio

LATCHFORD, FRANCIS R., B.A., Ottawa, Ont. *Geol., Min., Moll.* C. Ex.* Canada.

LATHAM, WOODVILLE, W. Va. Univ., Morgantown. *Min., Chem.* C. Ex.* W.Va.

LATHROP, JAMES C., Bridgeport. *Min.* C. Ex. only for fine rare specimens.* Conn.

LATIMER, A. W., Lumpkin, Stewart Co. *Crypt. Bot., Mic., Ent.: Lepid.* C. Ex.* Ga.

LATTIMORE, Miss ALIDA, E. Main, cor. Gibbs, Rochester. *Mic.* N.Y.

LATTIMORE, Miss ROSE, E. Main, cor. Gibbs, Rochester. *Mic.* N.Y.

LATTIMORE, S. A., Ph.D., LL.D., Prof. Chem. Univ. of Rochester, Rochester. *Chem., Mic.** N.Y.

LATTIN, FRANK H., Gaines, Orleans Co. *Ool., Geol., Min., and Gen. Curiosities.* C. Ex.* N.Y.

LAUDY, LOUIS H., Ph.D., Asst. Chem. School of Mines, New York. N.Y.

LAURENT, EMIL, 621 Marshall St., Philadelphia. *Ool.** Penn.

LAURENT, PHILIP, 621 Marshall St., Philadelphia. *Orn., Gen. Ent.* C. Ex.* Penn.

LAUTENBACH, ROBERT, Pharmacist, 69 N. Eutaw, cor. Saratoga St., Baltimore. *Bot., Chem., Elect., Mic.* Ex.* Md.

LAW, Dr. G., Greeley. *Chem, Min.** Col.

LAWRENCE, FRANK W., Saratoga Springs. *Orn., Ool.* C. Ex.* N.Y.

LAWRENCE, G. N., 45 E. 21st St., New York. *Orn.** N.Y.

LAWRENCE, HARRY H., Saratoga Springs. *Orn., Ool., Min.* C. Ex.* N.Y.

LAWRENCE, JOHN L., 18 Irving Place, New York. *Orn.* C. N.Y.

LAWRENCE, N. T., 45 E. 29th St., New York. *Orn.* C. Ex. N.Y.

LAWRENCE, ROBT. B., 34 Wall St., New York. *Orn., Ool.* C. Ex.* N.Y.

LAWTON, Prof. U. W. Jackson. *Mic., Ast.* C. Ex. Mich.

LAZENBY, WILLIAM R., Prof. Bot. and Hort. Ohio State Univ., Columbus. *Bot., Hort., Agric.* C. Ex. Ohio.

LAZIER, W. D., 25 E. Main St., Xenia. *Arch., Geol.* C. Ex.* Ohio.

LEA, ISAAC, 1622 Locust St., Philadelphia. *Con., Min., Geol.** Penn.

LEACOCK, W. J., Jr., Morris, Grundy Co. *Zool., Geol.* C. Ex.* Ill.

LEAL, MALCOLM, M.D, 154 West 34th St., New York. *Chem., Gen. Biol.** N.Y.

LEATHURBY, F. A., East Fairmount, Cincinnati. *Geol., Palæo., Min., Moll.* C. Ex. in all. Ohio.

LEAVENWORTH, F. P., Cincinnati Observatory, Mt. Lookout, Hamilton Co. *Ast.* Ohio.

LEBOLD, JNO. F., Attica, Seneca Co. *Bot., Palæo., Geol., Min., Chem., Ent., Zool., Arch.* C. Ex.* Ohio.

LECHEVALIER, ALFRED, 434 St. Mary St., Montreal. *Vert., Invert.: Ent., Crustacea.* C. Ex. Canada.

LE CONTE, Prof. JOHN, Univ. of California, Berkeley. *Phys., Elect., Meteo.** Cal.

LE CONTE, JOSEPH, M.D., LL.D., Univ. of Cal., Berkeley. *Geol., Biol.** Cal.

LE CONTE, J. L., 1624 Spruce St., Philadelphia. *N. A. Coleopt.* C. Will determine the names of species from distant parts of the U.S.* Penn.

LEDOUX, A. R., 10 Cedar St. *Agric. Chem.** N.Y.

LEE, F. S., 92 Saratoga St., Baltimore. *Zool., Geol., Bot.* C. Minerals, fossils and ferns for ex.* Md.

LEE, JOHN W., 44 Pearl St., Baltimore. *Min.* C. Ex.* Md.

LEE, LESLIE A., Prof. Geol. and Biol. Bowdoin Coll., Brunswick. * *Zool., Geol.* C. Ex. Marine Invertebrates in ex. for fossils. Me.

LEE, WILLIAM, M.D., Prof. of Physiology, Med. Dept., Columbian University, Washington, (2111 Penn. Ave.). *Elect., Mic., Photog., Bibliog., Zool., Gen. Biol., Anth., Arch., Eth., Ethnog.* C. Ex.* D.C.

LEE, WILLIAM M., Greene, Lancaster Co. *Min., Bot., Geol.* C. Ex. Penn.

LEE, WILL. S., Trenton. *Bot., and all branches of plant structure, Ferns, and Orchids.* C. Ex.* N.J.

LEES, WILLIAM T., Engineer N.Y. Gas Light Co., 21st St. and Avenue A., New York. *Chem., Min., Con.* C.* N.Y.

LEGRO, JOHN I., New Britain. *Min.* C. Ex.* Conn.

LEHMAN, E. G., Baltimore. *Chem.* Md.

LEIBERG, JOHN, Mankato, Blue Earth Co. *Bot., Gen. Mic.* C. Ex. plants for insects. Desires Gramineæ from Southern States.* Minn.

LEIBIG, J. E., Cornwall. *Min.* C. Ex.* Penn.

LEIDY, JOSEPH, M.D., Prof. Anat. Univ. Penn., 1302 Filbert St., Philadelphia. *Zool., Comp. Anat.* Penn.

LELAND, GEORGE H., 91 Camp St., Providence. *Bot.* C. Ex. for ferns.* R.I.

LEMMON, Prof. J. G., Lemmon Herbarium, Oakland. *Bot., Ent., Mic.* C. Ferns of the Pacific Coast for sale.* Cal.

LENG, CHARLES W., B.S., Box 3565, New York. *Coleopt., Cerambycidæ* C. Ex.* N.Y.

LENNEBACKER, Miss HELEN, Benicia. *Algæ.* C.* Cal.

LENNON, W. H., State Normal School, Brockport. *Ferns, Lichens, Mosses.* C. Ex.* N.Y.

LEONARD, M. H., Pittsford, Hillsdale Co. *Min., Palæo., Numismatics.* C. Desires to ex.* Mich.

LEONARD, WILLIAM H., Minneapolis. *Ferns.** Minn.

LEONHARD, ALEX., V.E.M., Washington Univ., St. Louis. *Min., Mic., Lithol.** Mo.

LEROY, P. V., Curator Columbia Coll., New York. *Bot.* C. Ex.* N.Y.

LESLEY, J. P., State Geologist, 1008 Clinton St., Philadelphia. *Geol.** Penn.

LESQUEREUX, LEO., Columbus. *Palæobotany, Bot., Bryology.** Ohio.

LETTERMAN, GEORGE W., Allenton. *Phæn. Bot, Ferns, Anth., Arch., Ent.* C. Ex. for herb spec. of Woods and N. A. Trees.* Mo.

LEVENGSTON, H. M., Saratoga. *Ool.** N.Y.

LEVETTE, G. M., M.D., Indianapolis. *N. A. Con., Coleopt.* C. Ex.* Ind.

LEWIS, FRANK, Downs. *Ent., Tax.* C. Ex.* Kan.

LEWIS, GEORGE R., La Moille, Bureau Co. *Ent.* C. Ex.* Ill.

LEWIS, Miss GRACE ANNA, Philadelphia. *Orn.* Penn.

LEWIS, H. CARVILL, Prof. Min., Acad. Nat. Sci., Philadelphia. *Min., Geol., Chem.* C.* Penn.

LEWIS, Rev. H. F., Grafton, Rensselaer Co. *Phæn. Bot.* N.Y.

LEWIS, L. L., P.O. Box 174, Copenhagen. Specimens of Minerals, Woods, and Ferns to ex.* N.Y.

LEWIS, M. C., 255½ Annunciation St., New Orleans. *Ent.* C. La.

LIAUTARD, A. F., M.D., 141 West 54th St., New York. *Mic.* N.Y.

LISBEY, WILLIAM, Jr., A.M., Sc. D., Asst. Prof. Princeton Coll. *Phys. Geol., Normal Histol.* C. Ex. (Vice Direc. E. M. Mus. of Geol.)* N.J.

LIBHART, Hon. J. J., Marietta. *Orn., Ichth.* C. Ex. Penn.

LICHTENTHALER, G. W., Bloomington. *General Con., Algæ, Ferns.* C. Ex.* Ill.

LILENTHAL, H., Saratoga Springs. *Ool., Orn., Lepid.* C. Ex. N.Y.

LIND, G DALLAS, Danville. *Nat. Hist., F. W. and L. shells.* C. Ex. Ind. spec. for others.* Ind.

LINDAHL, JOSHUA, P.D., Prof. Nat. Hist. Augustana Coll., Rock Island. *Gen. Zool., Pæo., Phyllopoda, Oniscidæ, Unionidæ.* C. Ex.* Ill.

LINDLEY, CLARENCE T., M.D., 326 W. 12th St., Davenport. *Palæo., Arch., Mollusks.* Ia.

LINDSLEY, J. BERRIEN, M.D., Prof. Chem., Med. Dept., Univ. of Tenn., Nashville. *Con. of Tenn.* C.* Tenn.

LINE, J. EDW., D.D.S., 18 Rowley St., Rochester. *Dental Histol.** N.Y.

LINGLEY, J. A., Jewett, Leon Co. *Geol.* C. Ex. fossils from Tertiary for others. Texas.

LINNEY, W. M., Ky. Geol. Survey, Harrodsburg. *Strat. Geol., Bot.* C. Ex.* Ky.

LINTNER, G. A., 399 Clinton Ave., Albany. *Orn., Ool.* C. Ex.* N.Y.

LINTNER, J. A., N.Y. State Entomologist, Room 27, New Capitol, Albany. *Gen. and Econ. Palæo., Ent.* C.* N.Y.

LINTON, EDWIN, Washington and Jefferson Coll., Washington. *Geol.** Penn.

LINTON, ROBERT, Pine Bend, Dakota Co. *Ool.* C. Ex.* Minn.

LIPPINCOTT, GEORGE A., Mobile. *Ent.: Lepid., Coleopt., Geol.* C.* Ala.

LIPPITT, COSTELLO, Norwich, New London Co. *Min., Zool., Arch., Orn., Ool., Ent., Radiates, Sponges.* C. Ex.* Conn.

LITTLE, AMOS M., Box 780, Newbury. *Min., Palæo. Indian Relics and Curiosities.** Mass.

LITTLE, GEORGE, Prof. Geol. Univ. of Miss., Oxford. *Geol.** Miss.

LITTON, A., Prof. Chem., 2220 Eugenia St., St. Louis. *Min., Palæo.* C. Ex. Mo.

LIVERMORE, Mrs. M. A. C., 24 North Ave., Cambridge. *Bot., Ent.** Mass.

LIVESAY, G. W., M.D., Ironton. *Geol.** Ohio.

LIVEZEY, JOS. B., Clarksboro'. *Geol* C. Ex.* N.J.

LLOYD, C. G., 180 Elm St., Cincinnati. *Bot.* C. Ex.* Ohio.

LOCHMAN, CHARLES L., Bethlehem. *Bot., Photog., Spec. photographs of medicinal plants.* Will send list if desired.* Penn.

LOCHSCHMIDT, Prof. C , St. Vincent's Coll., Beatty. Penn.

LOCKE, C. A., Atlanta. *Lithol.* C. Ga.

LOCKE, LEWIS, 920 Clay St., San Francisco. *Orn.* C. Ex.* Cal.

LOCKE, W. M., Marshall's Ferry, White Co. *Gen., Arch.* C. Ex. pottery, bone, shells, stone relics, etc.* Ill.

LOCKHART, B., Lake George, Warren Co. *Ool., Orn.* C. Ex.* N.Y.

LOCKINGTON, WM. NEALE, Philadelphia. *Marine Zoology of the Pacific coast.* Penn.

LOCKWOOD, Prof. Samuel, Ph.D., Freehold. *Phæn. Bot., Arch., Geol., Zool., Mic.* C.* N.J.

LOFTUS, JOHN P., Dorchester District, Boston. *Bot., Palæo., Geog. Dist., Orn., Reptiles.* Mass.

LOITLOFF, H., Greenville, Hudson Co. *Lepid.* C. Ex. N.J.

LOMB, C. F., Bausch and L. Opt. Co., Rochester. *Mic.** N.Y.

LOMB, H., Bausch and L. Opt. Co., Rochester. *Mic.** N.Y.

LOMBARD, HARRY D., Galesburg. *Ool.* Ex. eggs for good specimens only. Ill.

LONG, JOHN H., Prof. Chem. N.W. Univ., Evanston.* Ill.

LONG, Judge THOMAS B., 320½ Ohio St., Terre Haute. *Arch., Min., Palæo.* C. Ex.* Ind.

LONGENECKER, C. B., 210 N. Prince St., Lancaster. *Mic., Cereals.* C. Ex.* Penn.

LONGFELLOW, RICHARD K., 37 South St., Portland. *Orn.*, *Ool.* C. **Me.**
LONGNECKER, E., U.S. Navy, Washington. *Ast.* **D.C.**
LONGSHORE, Dr. W. R., Hazleton, Luzerne Co. *Physician.* **Penn.**
LOOMIS, ELIAS, New Haven. *Meteo* * **Conn.**
LOOMIS, J. C., Pharmacist, Jeffersonville. *Geol*, *Mic.* C.* **Ind.**
LOOMIS, LEVERETT M., Chester. *Mam.*, *Orn.* C. **S.C.**
LOPER, S. W., Durham. *Geol.* C. Ex. triassic fish, ferns, etc., for those of other formations. **Canada.**
LORANDI, H. R., Meadville. *Orn.*, *Ent.* C. **Penn.**
LORD, JAMES W., Gildersleeve's Landing. *Ool.*, *Orn.* C. Ex. **Conn.**
LORD, NAT. W., E.M., Prof. Mining and Met. Ohio State Univ., Columbus. **Ohio.**
LORQUIN, E. F., San Francisco. *Gen. Nat. Hist.** **Cal.**
LOTHROP, F. J., Leominster. *Min.* C. Ex.* **Mass.**
LOUCHS, CASPER, York. Collection of Min. and Indian relics. *Ool.* **Penn.**
LOUD, Prof. F. H., Colorado Springs. *Meteo.*, *Ast.** **Col.**
LOSEE, HARVEY, Upper Red Hook, Dutchess Co. *Orn.*, *Ool.* C. Ex * **N.Y.**
LOUIS, GUS. W., Louisville, Dunn Co. Gen. Collector in Nat. Hist. for private cabinet. Will ex. for good spec. only.* **Wis.**
LOVE, EDW. G., Ph.D., School of Mines, Columbia College, 50th St. and 4th Ave., New York. *Chem.*, *Min.** **N.Y.**
LOVE, H. M., Clinton, Oneida Co. *Geol.*, *Min.** **N.Y.**
LOVE, JAMES, Burlington. *Crinoidæ.* C. Ex. **Ia.**
LOVE, SAMUEL G., A.M., Jamestown. *Orn.*, *Min.*, *Articulates.* C. Ex. **N.Y.**
LOVELAND, MARY A., Michigan Seminary, Kalamazoo. *Phæn. Bot.* C. **Mich.**
LOVERING, JOSEPH, Prof. Nat. Phil. Harvard Coll., Cambridge. **Mass.**
LOVEWELL, CHARLES H., M.D., Englewood, Cook Co. *Pathol.*, *Gen. Biol.*, *Algæ*, *Desmids*, *Diatoms*, *Mic.* C. Ex.* **Ill.**
LOVEWELL, JOSEPH T., Prof. Nat. Sci., Wash. Coll., Topeka. C. Ex. for Coll. Mus. **Kan.**
LOW, C. F., Box 47, Cincinnati. *Palæo.*, *Ent.*: *Lepid.*, *Arch.* C. Ex. **Ohio.**
LOWE, FRANCIS A., Smithsonian Inst., Washington. *Min.*, *Geol.* **D.C.**
LOWN, CLARENCE, Poughkeepsie. *Ferns*, *Mic.* C. Ex. Would like European in ex. for Am. specimens.* **N.Y.**
LOWRIE, J. R., Warriorsmark. *Bot* **Penn.**
LUCAS, FRED. A., 155 E. Front St., Trenton. *Herpetol.* C. Ex. **N.J.**
LUCAS, FREDERIC A., U.S. Nat. Mus., Washington. *Mam.*, *Orn.*, *Osteol.** **D.C.**
LUCY, THOMAS F., M.D., 530 Pennsylvania Ave., Elmira. *Bot.*, *Gen. Nat. Hist.* (*esp. Articulates*), *Mic.* C. Ex. Desires native or foreign. Preparing Catalogue N.Y. State Flora, information desired of rare species.* **N.Y.**
LUDWIG, OTTO, L.B., 381 San Antonio. *Cactaceæ.* **Texas.**
LUFKIN, FRANK, Pigeon Cove, Rockport. *Bot.* Eastern Ferns and Algæ in ex. for Western or foreign Ferns.* **Mass.**
LUGGER, OTTO, P.D., Md. Acad. Sciences, Baltimore. *Ent.*: *Coleoptera.* C. Ex. Desires Am. and foreign coleoptera.* **Md.**
LUGO, ORAZIO, M.D., University of City of New York. *Chem.*, *Elect.* C. **N.Y.**
LULL, E. P, U.S.N., Coast and Geodetic Survey Office, Washington. **D.C.**
LUPTON, N. T., M.D., LL.D., Prof. Chem. Vanderbilt Univ., Nashville. *Chem.*, *Met.* C. Ex.* **Tenn.**
LUTHE, F. HENRY, McGregor, *Fossil minerals.* C. Ex.* **Ia.**
LUTHER, S. M., Garrettsville. *Eth.*, *Min.*, *Arch.*, *Moll.* C. Ex.* **Ohio.**

LUTHY, OTTO, 220 Church St., Philadelphia. *Chem.* **Penn.**
LYKINS, WILLIAM H. R., Kansas City. *Geol., Palæo., Mic.* C.* **Mo.**
LYLE, A. T., Millersport, Fairfield Co. *Orn., Arch.* C.* **Ohio.**
LYLE, DAVID A., Capt. of Ordnance, U.S.A., National Armory, Springfield. *Orn., Eth, Philol., Ast., Phys.* C.* **Mass.**
LYMAN, BENJ. SMITH, Northampton. *Geol.* **Mass.**
LYMAN, Prof. CHESTER S., M.A., New Haven. *Ast., Physics.** **Conn.**
LYMAN, H. H., M.A., 74 McTavish St., Montreal. *Lepid., Geol., Bot.* C.* **Canada.**
LYMAN, THEODORE, Brookline. *Radiata, Pisciculture.** **Mass.**
LYNES, J. C., Ph.D., Prof. Chem. Shorter Coll, Rome. *Chem., Min.* Ex. Ga. ores and minerals for those of other States and foreign.* **Ga.**
LYON, VICTOR W., Jeffersonville, Clark Co. *Invert. Palæo.* C. Ex. crinoids for crinoids only. Ex. local fossils, etc. **Ind.**
LYONS, A. B., M.D., Consulting Chemist, Parke, Davis & Co., Detroit. *Min., Bot., Con.* C. Ex. ferns.* **Mich.**

M.

MABERY, C. F., S.D., Asst. in Chem. Harvard Univ., Cambridge.* **Mass.**
MCADAMS, Hon. WILLIAM, Jr., Otterville, Jersey Co. *Arch., Geol., Palæo.* Spec., exploration of Mounds, Trilobites, Crinoids, fossil ferns, nodules, mound pipes, and pottery in ex. for stone implements. Perfect Trilobites for ex. **Ill.**
MCALLISTER, T. H., 49 Nassau St., New York. *Mic.* **N.Y.**
MCALLISTER, W. Y., 728 Chestnut St., Philadelphia. *Mic.* **Penn.**
MCANDREW, W. A., Ypsilanti. *Chem., Nat. Sci.** **Mich.**
MCBRIDE, A. S., Chetopa. *Coleopt.* C. Ex.* **Kan.**
MCBRIDE, F. E., Mansfield. *Min.* C. Ex.* **Ohio.**
MCBRIDE, R. WES., Waterloo, DeKalb Co. *Arch., Ent., Orn., Ool., Min.* C. Ex.* **Ind.**
MCBRIDE, Prof. T. H., Iowa City. *Bot., Zool.* Ex. Ferns.* **Ia.**
MCBRYDE, JOHN M., Prof. Agric., Hort., Bot., Univ. of Tenn., Knoxville. **Tenn.**
MCCABE, PHEBE A., White Plains. *Bot.* C.* **N.Y.**
MCCALL, Mrs. MARY T., care M. H. Allen, San Raphael, Marin Co. *Ent.** **Cal.**
MCCALLUM, G. A., M.D., Dunville, Ont. *Orn., Ool.* C. Ex.* **Canada.**
MCCANN, FERDINAND, Santa Cruz. *Ool.* C. Ex. eggs in sets.* **Cal.**
MCCARTY, T. J., Brookville. *Geol., Min., Chem.* C. Ex.* **Ind.**
MCCASKEY, Prof. J. P., Lancaster. *Ast.* C. in Bot. and Mic. **Penn.**
MCCLENTIC & GROSS, Ravenna, Portage Co. *Geol., Min., Zool., Orn., Ool., Tax., Radiates.* C. Ex.* **Ohio.**
MCCLINTOCK, EMORY, Actuary, Milwaukee. *Math.** **Wis.**
MCCLINTOCK, F., West Union, Fayette Co. *Ast., Physics, Elect.** **Ia.**
MACLOSKIE, GEORGE, D.Sc., LL.D., Prof. Princeton Coll., Princeton. *Biol.* C.* **N.J.**
MCCONNELL, J. B., M.D., 157 Bleury St., Montreal. *Bot.* C.* **Canada.**
MCCONNELL, R. G., B.A., Geol. Surv., Ottawa. *Orn., Min., Bot.** **Canada.**
MCCOOK, HENRY C., Acad. Nat. Sci., Philadelphia. **Penn.**
MCCORD, D. A., Oxford, Butler Co. *Palæo., Min., Fossils of the Cincinnati group and L. and F. W. shells.* C. Ex.* **Ohio.**
MCCOWN, F. O., Oregon City. *Arch., Geol.* C. Ex.* **Ore.**
MCCRADY, Prof. JOHN, Sewanee. *Gen. Biol., Emb., Radiates.* **Tenn.**
MCCREATH, ANDREW S., Analyt. Chemist, 2d Geol. Surv. of Pa., Harrisburg. *Inorg. Chem., Met.** **Penn.**

McCREERY, ANDREW T., 519 Jones St., San Francisco. *Coleopt.* C. Ex. Correspondents desired. Cal.

McCREERY, J. M., Akron. *Palæo.* C. Ex.* Ohio.

McCUTCHEN, AUG. R., Asst. State Geologist, La Fayette, Walker Co. *Geol.* C.* Ga.

McDANIEL, Rev. BENJAMIN F., Salem. *Min.* C. Fossils to ex. for minerals.* Mass.

McDONALD, M., Va Mil. Inst., Lexington, Rockbridge Co. *Geol., Min., Ent., Con.* C. Ex. Va.

McDOUGAL, JAMES H., 15 Coit Block, Buffalo. *Ast.** N.Y.

McFADDEN, THOS., Westerville. *Min., Chem., Phys.** Ohio.

MACFARLANE, JAMES, Towanda. *Geol.** Penn.

McGEE, W. J., Farley. *Kaineontology, Arch., Stratigraphy.** Ia.

McGILL, JOHN T., Ph.D., Vanderbilt Univ., Nashville. *Chem., Nat. Hist., Physics.** Tenn.

McGUIN, GEORGE B., B.S., Cañon City. *Ent.* Ex. Col.

McILWRAITH, THOMAS, Hamilton, C.W. *Orn.* Canada.

McKAY, A. H., B.A., B.Sc., Prin. Pictou Acad., Pictou, N.S. *Gen. Biol., Bot.: Local Cryptogamia.* C. Ex.* Canada.

McKAY, C L., Mushegak, Alaska, care Alaska Commercial Co., 810 Sansom St., San Francisco. *Ichth.* Cal.

McKAY, JOSEPH, 4 Fifth St., Troy *Mic., Crypt. Bot.* C.* N.Y.

McKEEVER, Rev. I. W., Allegan. *Nat. Sci.* C.* Mich.

McKIM, Rev. HASLETT, Newburgh. *Bot.** N.Y.

MACKIE, GEORGE, M.D., Attleborough. *Bot., Ent.* C. Ex. Mass.

MACKINTOSH, JAMES B., E.M., C.E., 55 Garden St., Hoboken. *Min., Chem.* C. Ex.* N.J.

MACLEAN, J. P., Hamilton, Butler Co. *Arch., Geol., Palæo.* C. Ex.* Ohio.

McLAUGHLIN, Rev. DANIEL D. T., Litchfield. *Geol., Min.* C.* Conn.

McLAUGHLIN, Prof. WILLIAM M., Southington. *Min., Geol., Arch., Bot.* C.* Conn.

McLEAN, J. B., Linsbury, Hartford Co. *Bot., Ent.* C. Conn.

McLENNAN, KENNETH, 244 Dundas St., London, Ont. *Mic., Ent.* C.* Canada.

McLEOD, ROBERT R., Leadville. *Orn.* Birds, mammals, and plants on hand, for sale. Col.

McLOUTH, LEWIS, Prof. State Normal School, Ypsilanti. *Phys., Ast.* Mich.

McMINN, Rev. EDWIN, Easton. *Min.** Penn.

McMURTRIE, WILLIAM, E.M., Ph D., Dept. Agriculture, Washington. *Chem.** D.C.

McNAIR, A. R., Lieut. Commander U.S.N., Harvard Coll., Cambridge. *Geol., Deep-sea soundings.** Mass.

McNEILL, M., Princeton. *Ast.* N.J.

McNIDER, V. ST. CLAIR, M.D., Jackson. N.C.

MACOUN, Prof. J., A.M., Belleville, Ont. *Bot., Orn.* C. Ex.* Canada.

MACPHERSON, K R., 74 McGill College Ave., Montreal. *Geol., Palæo., Min.** Canada.

McSHANE, J. T., M.D., Carmel, Hamilton Co. *Arch.* C. Ex.* Ind.

McWHORTER, TYLER, Aledo. *Geol., Palæo.* C. Ex.* Ill.

McWILLIAMS, HARRIET T., Fairtown, Cumberland Co. *Bot., Min., Sea Weeds.* C. Ex.* N.J.

MACTIER, WM. L., Acad Nat. Sci., Philadelphia. *Con.* Penn.

MADTES, HENRY, Chester. *Bot., Min.* Ex.* Penn.

MAGIVNY & BULLARD, Saratoga Springs. *Tax.** N.Y.

MAILLIARD BROS., Nicasio, Marin Co. *Orn., Ool* C. Ex. Cal.

MAIN, J. T., M.D., Pres. Mic Soc., Jackson. *Mic.* C. Ex. animal tissue. Mich.

MAISCH, J. M., Prof. of Materia Medica and Botany, Philadelphia College of Pharm., 143 No. 10th St., Philadelphia. *Phæn. Bot., Ferns.* C.* **Penn.**

MAITNO, REINHARDT, New Orleans, Seedsman and Florist. *Bot., Hort., Agric., Plants, Chem.** **La.**

MALONE, D. R., A.M., M.D., Edinburgh, Johnson Co. *Palæo.** **Ind.**

MALLET, J. W., Prof. Chem. Univ. of Virginia, Albemarle Co. *Chem., Phys., Min.* C. Ex.* **Va.**

MALLERY, GARRICK, Bvt. Lt. Col. U.S.A., 1323 N St., N.W., Washington. *Anth.** **D.C.**

MANIGAULT, G. E., M.D., Cur. Mus., Charleston. C. Ex.* **S.C.**

MANN, B. PICKMAN, Bibliographical Ed. Psyche. Assistant U.S. Entomologist, Dept. of Agric., Washington. *Ent.* Addresses and autobiographies of Entomologists and contributions to the Bibliographical Recording Psyche desired. C.* **D.C.**

MANN, Rev. CAMERON, Kansas City. *Con., Bot.: Ferns.* C.* **Mo.**

MANN, CHARLES L., 27 Erie St., Milwaukee. *Orn., Arch.* (Copper Age.) C.* **Wis.**

MANNING, GEORGE F., West La Fayette. *General collector of curiosities, etc.* C. Ex.* **Ohio.**

MANNING, RUFUS P., Youngstown. *Agric., Palæo., Geol., Min., Arch.* C, Ex.* **Ohio.**

MANNING, WARREN H., Reading. *Bot.* C. of N. A. plants for herbarium, and also live plants. Exchanges wanted.* **Mass.**

MANSFIELD, F. A., Camden, Knox Co. *Zool., Gen. Nat. Hist.* C. Ex.* **Me.**

MANSFIELD, GEO. W., S.B., Melrose Highlands, Middlesex Co. *Phæn. Bot., Ferns, Geol., Min., Crystal., Lithol., Inorg. Chem.* C. Ex.* **Mass.**

MANSFIELD, J. M., Ph.D., Prof. Biol. and Physics, Greencastle. *Biol.* C Ex. Algæ, Fungi, Ferns, etc. **Ind.**

MARBLE, A. D., Lawrence. *Min.* C.* **Mass.**

MARBURG, C. L., Baltimore. *Zool.** **Md.**

MARCHANT, THOMAS W., Staunton, Fayette Co. *Con.* C. Ex. Niagara and Devonian fossils for others.* **Ohio.**

MARCOU, JULES, 42 Garden St., Cambridge.* **Mass.**

MARCY, OLIVER, Prof. Nat. Hist., Evanston, Cook Co. *Geol., Bot.* C.* **Ill.**

MARDEN, GEORGE H., 7 Parker St., Charlestown. *Geol.* C. **Mass.**

MARINER, Prof. Geo. A., A.B., M.D., 81 S. Clark St., Chicago. *Analytic and Consulting Chem.* C. of Mins.* **Ill.**

MARK, EDW. L., Ph.D., Inst. Zool. Harvard Univ., Asst. Mus. Comp. Zool., Cambridge. *Zool., Emb., Worms.** **Mass.**

MARKOE, FRANCIS H., M.D., Columbia Coll., New York. *Anat.* **N.Y.**

MARKOE, GEORGE F. H., Ph.G., Prof. Chem. Mass. Coll. Pharmacy, 61 Warren St., Boston. *Pharm.** **Mass.**

MARNOCH, G. W., Helotes, Bexar Co. *Zool., Herpetol., Palæo.* C. Ex.* **Texas.**

MARRATT, WILLIAM, Jr., 131 Woodward Ave., Detroit. *Coleopt.* C. Ex.* **Mich.**

MARRETT, W. H., A.B., M.Sc., M.D., Brunswick. *Min., Nat. Hist.* C. Ex. Good specimens for ex.* **Me.**

MARSH, ALFRED, Detroit. *Chem.* **Mich.**

MARSH, CHARLES DWIGHT, Leicester, *Ent., Geol., Bot.* C. Desires Coleoptera and fossils.* **Penn.**

MARSH, DON C., M.D., 901 S. 4th St., Philadelphia. *Geol., Min., Arch., Bot.: Med.* C. Ex.* **Ohio.**

MARSH, Rev. DWIGHT WHITNEY, D.D., Amherst. *Orn., Ool.* C. Ex.* **Mass.**

MARSH, JOSEPH W., Pacific Univ., Forest Grove. *Bot.* C.* **Ore.**

MARSH, O. C., Prof. Yale Coll., New Haven. *Palæo., Comp. Anat.** **Conn.**

MARSH, PHILIP, Aledo. *Con., Orn., Ool., Palæo.* C. L. and F. W. shells in ex. for shells or fossils.* **Ill.**

MARSH, WILLIAM A., Aledo, Mercer Co. *Con., Arch., Palæo., Min., Bot.* C. Ex. shells, carb. fossils, etc. Will purchase desirable Unionidæ.* **Ill.**

MARSHALL, DYER M., Fruit Valley, Oswego Co. *Orn., Ool., Tax.* C. Ex. for southern birds and eggs. **N.Y.**

MARSHALL, JOHN P., Prof. of Min. and Geol. Tufts Coll., College Hill. *Lithol., Mic., Gen. Biol.* C. Ex.* **Mass.**

MARSHALL, WILBER, Mt. Pleasant. *Palæo., Min.* C. Ex. **Ohio.**

MARSTON, D., Cambridge. *Geol.** **Ill.**

MARTEN, JOHN, Carbondale. *Ent.: Dipt.* C. Diptera desired in ex. for other insects. **Ill.**

MARTIN, Prof. DANIEL S., 236 W. 4th St., New York. *Geol., Min., Con.* C. Ex.* **N.Y.**

MARTIN, GEORGE, M.D., West Chester. *Phæn. Bot., Fungi.** **Penn.**

MARTIN, GEORGE H., Bridgewater. *Bot., Geol., Min.* **Mass.**

MARTIN, HENRY NEWELL, M.A., D.Sc., M.D., Prof. Johns Hopkins Univ., Baltimore. *Physiology.** **Md.**

MARTIN, JOSEPH, 225 Rideau St., Ottawa. *Bot.* C. Ex. **Canada.**

MARTIN, JOHN B., 21 Canal, or 95 Fountain St., Grand Rapids. *Orn., Ool., Tax., Lepid.* C. Ex.* **Mich.**

MARTIN, Prof. J. M., Davidson Coll. *Geol.* **N.C.**

MARTIN, J. McC., A.M., Ph.D., Prof. Nat. Sci. Ohio Univ., Athens. C. Ex. **Ohio.**

MARTIN, WILLIAM J., Prof. Davidson Coll., Mecklenburg Co. *Chem., Geol.* C. Min. and Lower Sil. fossils to ex. for other minerals or fossils.* **N.C.**

MARTINDALE, ISAAC C., Nat. State Bank, Camden. *Bot.* C. Desires western species in ex., or will purchase desiderata.* **N.J.**

MARVIN, D. S., Watertown. *Min. Fossils.* C. Ex.* **N.Y.**

MARVIN, J. B., M.D., 903 4th Ave., Louisville. *Chem. Mic.* C. Ex.* **Ky.**

MARX, GEORGE, Nat. Hist. Artist, Dept. of Agric., Washington. *Arachnida.* C. Ex. **D.C.**

MARYATT, PENDLETON, Weiser Bridge. *Civil Eng.** **Idaho.**

MASON, DAVID, Supt. Mag. Obs. U.S. Coast and Geodetic Surv., Madison. *Phys.* **Wis.**

MASON, Mrs. FANNIE, Princeton, Bureau Co. *Min., Geol., Curiosities in general.* C. Ex.* **Ill.**

MASON, O. G., Sec. Am. Mic. Soc., Sec. Photo. Sect. Am. Inst., N.Y. City, Photographic Department Bellevue Hospital, New York. *App. of Photog. to the Illust. of science.* C. Ex. Astronomical photos. or glass positives for the lantern, for mounted mic. slides, or scientific publications.* **N.Y.**

MASON, OTIS T., Prof. Columbian Coll., Washington. *Anth.** **D.C.**

MASON, S. C., Manhattan. *Geol.* C. Permian and Dakota fossils for ex. **Kan.**

MATHER, FRED., Asst. U.S. Fish Comm., Fishery editor Forest and Stream, New York. Residence, 25 Hill St., Newark, N.J. *Ichth.** **N.Y.**

MATHEWS, FRANK, Pekin. *Geol., Min.** **Ill.**

MATLACK, J. HOOPES, West Chester. *Ool.* C. Ex.* **Penn.**

MATTHEW, GEORGE F., Chief Clerk Customs Dept., St. John, N.B. *Bot., Palæo., Geol.* Desires named spec. of Primordial fossils. C. Ex.* **Canada.**

MAULL, D. W., Washington. *Mic.* Del.
MAURAN, JAMES EDDY, Newport. *Indian Implements.** R.I.
MAXSON, Rev. DARWIN E., Prof. Nat. Sci. Alfred Univ., Alfred Centre. N.Y.
MAXWELL, A. W., D.D.S., Meadville. *Ent.* C. Ex.* Penn.
MAXWELL, MARY A., Meadville. *Ent.* C. Ex.* Penn.
MAXWELL, Prof. S. A., Morrison. *Met., Min.** Ill.
MAXWELL, Mrs. S. B., Des Moines. *Gen. Nat. Hist.* Ia.
MAY, A. M., Waukon. *Geol., Arch.* C. Ex.* Ia.
MAY, ENOCH, Sr., Burlington. *Geol., Arch.* C. Ia.
MAYALL, Rev. J. M., Pres. Princeton Academy of Sciences, Princeton. *Geol., Zool.* C. Ex.* Ill.
MAYCOCK, Prof. M. M., Buffalo. *Gen. Nat. Hist.** N.Y.
MAYER, Prof. ALBERT M., Stevens Inst. Tech., Hoboken. *Experimental Physiology.* N.J.
MAYER, FRANK H., Box 248, Ashland. *Gen. Nat. Hist., Ool., Min., Geol.* C. Ex. Absent in Mexico. Penn.
MAYNARD, C. J., 36 Winter St., Boston. *Zool., Mammals, Orn., Ool., Tox.* C. Ex.* Mass.
MAYNARD, S. T., Prof. Mass. Agric. Coll., Amherst. *Bot.* Hampshire Co. plants and dups. of *Knowlton Herb.* for ex.* Mass.
MAYO, E. R., 35 Upton St., Boston. *Mollusks.* C. Ex. Mass.
MAZYCK, W. G , 9 Amherst St., Charleston. *Con.* C. Ex.* S.C.
MEACHAM, CHARLES F., Springfield. *Mic.* C. Vt.
MEAD, J. C., Box 60, No. Bridgton. *Orn.* C. Ex.* Me.
MEAD, T. L., Lake Eustis. *Diurnal Lepid., also Acclimatization of plants.** Fla.
MEAD, WALTER H., 65 Wall St., New York. *Mic.** N.Y.
MEAMBER, Prof. JOSEPH, East St. Louis, St. Clair Co. *Orn., Ool.* C. Ex. Ill.
MEANS, Rev. A., A.M., M.D., D.D., LL.D., Oxford. *Palæo., Geol., Min., Chem., Pharm.** Ga.
MEARNS, EDGAR A., M.D., Highland Falls, Orange Co. *Vertebrates, Zool.* C. Ex.* N.Y.
MEARS, LEVERETT, Ph.D., Prof. Phys. and Chem. Williams Coll., Williamstown. Mass.
MEECH, Rev. WILLIAM W., A.M., Vineland. *Geol., Ent.* C. N.J.
MEEHAN, JOSEPH T., Meehan Avé., Germantown, Philadelphia. *Filices.* C. Ex. Penn.
MEEHAN, THOMAS, State Botanist, Germantown. *Phæn. Bot., Ferns, Horticulture.* C. Penn.
MEES, C. L., M.D., Columbus. *Mic.** Ohio.
MEGERLE, H. C., Cal. Curiosity Shop, Sacramento. *Orn., Collections of Pacific Slope spec.* Cal.
MEIGS, JANE T., Inst. for Deaf and Dumb. Station M, Washington Heights, New York. *General Nat. Hist.* N.Y.
MEINERTH, CARL, Newburyport. *Photo. Microg.** Mass.
MELL, P. H., Jr., C. & M.E., Ph.D., Prof. Nat. Hist. and Geol. State Agric. Mech. Coll., Auburn. *Palæo., Geol., Min., Zool.* Large supply of Tertiary fossils, especially from Claiborne Group, always on hand. C. Ex.* Ala.
MELVILLE, WM. P., 319 Yonge St., Toronto. *Orn., Ool., Tax., Ent., Moll.* C. Ex. Dealer in all kinds of Scientific Specimens.* Canada.
MENDENHALL, T. C., Prof. Phys. Ohio State Univ., Athens. Ohio.
MEUSEBACH, J. O., Loyal Valley. *Hort., Invert. Palæo., Cretaceous and Silurian.* C. Ex.* Texas.
MEOKE, OTTO, 79 Myrtle Ave., Albany. *Lepid.* C. Ex. N.Y.

MEPHAM, GEORGE S., 1025 Winter St., St. Louis. *Arch., Min.* C. Ex. **Mo.**

MERCER, A. CLIFFORD, M.D., F.R.M.S., Lecturer on Mic. and Histol. College of Med., Syracuse Univ. *Mic., Photog., Histol. of Man.** **N.Y.**

MERCER, F. WENTWORTH, M.D., Vice-Pres. Ill. Mic. Soc., 2600 Calumet Ave., Chicago. *Micro-Histol. and Pathol.* Ex.* **Ill.**

MERCER, R. W., 147 Central Ave., Cincinnati. *Arch., Mound Relics, Fossils, Min. and Curiosities, Numismatics, Autographs.* C. Ex.* **Ohio.**

MERG, CHARLES, Oxford, Butler Co. *Min., Arch.* C. Ex. **Ohio.**

MERGLER, MARIE J., M.D., Woman's Med. College, Chicago. *Mic.*. **Ill.**

MERKEL, AUG., 310 Humboldt St., Brooklyn. E.D. *Coleoptera of N. A., north of Mexico.* C. Ex. Carabidæ wanted. **N.Y.**

MERKEL, G. H., M.D., 322 Shawmut Ave., Boston. *Anth., Histol.* Ex. **Mass.**

MERRIAM, A. B., Jr., Fifth and Walnut Sts., Cincinnati. *Ent., Con.* C. Ex. **Ohio.**

MERRIAM. C. HART, M.D., Locust Grove, Lewis Co. *Orn., Gen. Zool., Comp. Anat.* C. Ex. for bird skins, skeletons of birds, mammals, marine invertebrates.* **N.Y.**

MERRIAM, JAMES S., 61 Liberty St., New York. *Phæn. Bot.* Local C.* **N.Y.**

MERRILL, GEO. P., Lithologist and Preparator of Microscopic sections of rocks, etc., U.S. National Museum, Washington. *Min., Crystal., Lithol., Mic.** **D.C.**

MERRILL, HARRY, Bangor. *Orn., Ool.* C. Ex.* **Me.**

MERRILL, JAMES C., Asst. Surg. U.S.A., Fort Custer. *Orn., Ool.* C. Ex.* **Montana.**

MERRILL, J. WARREN, 400 Broadway, Cambridge. *Native and exotic ferns, living and dried.* C. Ex.* **Mass.**

MERRILL, N. F., 15 Beckford St., Salem. *Chem., Chem. Geol., Mic., Petrog.* C. **Mass.**

MERRIMAN, C. C., Rochester. *Mic., Algæ.** **N.Y.**

MERRIMAN, GEORGE B., Rutgers Coll., New Brunswick. *Ast.* **N.J.**

MERRITT, W. HAMILTON, Assoc. Royal School of Mines, Eng., St. Catharine's, Ont. *Mining Engineering, Met.* **Canada.**

MERTZ, HENRY NEY, Steubenville. *Ferns, Phæn. Bot.* C. Ex. **Ohio.**

MESICK, JOHN C., M.D., Niverville. *Anat., Orn., Ool., Tax.* C. Ex.* **N.Y.**

MESSENGER, F. LAWRENCE, Melrose Highlands. *Geol., Min.* C. Ex.* **Mass.**

METCALF, CHARLES T., 172 Westminster St., Providence *Min.* C. Ex. **R.I.**

METCALFE, H., Capt. of Ordnance, Benicia Arsenal, Benicia * **Cal.**

METCALFE, JAMES K., Silver City, Grant Co. *Geol., Bot., Min.* **N.M.**

METTAUER, A., M.D., Macon. *Bot., Geol., Mic., Coleopt., Lepid.* C. Ex. **Ga.**

METZ, CHARLES L., M.D., Madisonville. *Arch., Eth.* C. Ex.* **Ohio.**

MEYENBERG, J., M.D., LaGrange. *Orn., Ent.* **Texas.**

MEYER, ABRAHAM, Cogan House, Lycoming Co. *Min., Local Palæo., Geol.* C.* **Penn.**

MEYNCKE, O. M., Brookville. *Bot.* C. Ex.* **Ind.**

MICHAEL, ARTHUR, College Hill. *Organic Chem.** **Mass.**

MICHAEL, GEORGE W., Jr., Morro, San Luis Obispo Co. *Geol., Palæo., Min., Con., Bot.* C. Ex* **Cal.**

MICHELS, JOHN, Box 3230, New York. *Mic.** **N.Y.**

MICHENER, EZRA, M.D., Toughkenamon, Chester Co. *Cryptogamy, Con.* C. **Penn.**

MICKLEBOROUGH, JOHN, Cincinnati. *Palæo., Geol., Zool.* C. Ex. **Ohio.**

MIDDAGH, WILLIAM, Rollag, Clay Co. *Arch., Phys., Bot.* Wishes to ex. seeds and plants of vegetables and flowers.* **Minn.**

MIDDLETON, Miss N. H., Asst. State Ent., Carbondale. *Ent.* **Ill.**

MIDLAM, L. W., 617 Fayette St., Utica. *Ent.** **N.Y.**

MIELLEZ, A., Horticulturist, Springfield. *Bot.: Ferns, Orchids, Exotics.* C. Ex.* **Mass.**

MIGNAULT, Dr. LOUIS D., 155 Bleury St., Montreal. *Phæn. Bot., Ferns.* C. Ex.* **Canada.**

MILES, ETHAN A., A.B., Marion, Perry Co. *Geol.* Ex. **Ala.**

MILES, MANLY, M.D., D.V.S., Prof. Agric. Mass. Agric. Coll., Amherst. *Mic., Experimental Agric., Biol.* C.* **Mass.**

MILGATE, W. H., Biddeford Pool. *Sea Birds.** **Me.**

MILLARD, L. S., Bellville, Austin Co. *Geol., Bot., General.* C. Ex.* **Texas.**

MILLER, Hon. A. S., De Redwood, Santa Cruz Co. **Cal.**

MILLER, A. W., M.D., N.W. cor. 3d and Callowhill Sts., Philadelphia. *Bot.** **Penn.**

MILLER, E. S., Wading River, L. I. *Bot., Hort., Min., Palæo., Con., Arch.* C. Ex. in Bot. and Hort. only. Desires rare plants east of Miss., and ferns of N. A. Will send list of desiderata and duplicates.* **N.Y.**

MILLER, 2d, GERRIT SMITH, Peterboro, Madison Co. *Mic., Zool., Ool., Ent.* C. Ex.* **N.Y.**

MILLER, H. D., Plainville. *Min.* C. Ex. for good crystallized specimens only. Fine Nova Scotia and other minerals in ex. for equivalents. Minerals from England and Scotland particularly desired.* **Conn.**

MILLER, JACOB, Princeton. *Geol.* C.* **Ill.**

MILLER, JOHN, Jr., 122 W. 21st St., Erie. *Bot.* C. Ex.* **Penn.**

MILLER, JOHN A., St. Louis. *Geol., Min., Met.* C. Ex. **Mo.**

MILLER, J. F., Richmond. *Fossils.** **Ind.**

MILLER, JAMES H., Lowville, Lewis Co. *Orn., Ool., Tax.* C. Ex.* **N.Y.**

MILLER, LAURENZE, Castle P.O., Llano Co. *Min.* **Texas.**

MILLER, LOUIS P., Ionia. *Arch., Remains of Mound Builders, etc.* C. **Mich.**

MILLER, MAURICE NORTON, M.D., Instructor in Histol. in Univ. Med. Coll., 410 E. 26th St., New York. *Min., Crystal., Lithol., Met., Mic., Photog., Gen. Biol., Histol. of Vert., Photomicrography.* Will ex. slides in histol. and pathol. for quartz, tourmaline, etc., crystals for lapidary work.* **N.Y.**

MILLER, Rev. R. D., Petersburg, Menard Co. *Strat. and Phys. Geol., Gen. Biol., Arch., Eth., Ethnog.* C. Ex.* **Ill.**

MILLER, R. T., D.D.S., South Bend. *Geol., Arch.* C. Ex. rare fossils, minerals, etc., for good minerals, fossils, and Indian relics.* **Ind.**

MILLER, S. A., 8 W. 3d St., Cincinnati. *Palæo., Geol.* C. Ex. **Ohio.**

MILLER, W. F., Box 1737, New York. *Phæn. Bot., Ferns, Photog.** **N.Y.**

MILLMAN, THOMAS, M.D., M.R.C.S., etc., Asylum for Insane, London. Ont. *Bot.* C. Ex.* **Canada.**

MILNER, Miss IDA, Barnesville. *Geol., Palæo.** **Ga.**

MILNER, Mrs. SARAH A., Waukegan, Lake Co. *Bot.* C. Ex. **Ill.**

MILLS, HENRY, 162 Fargo Ave., Buffalo. *Mic., Fresh-Water Sponges.** **N.Y.**

MILLS, HENRY, Natick. *Orn., Ool., Min., Bot.* C. Ex. eggs.* **Mass.**

MILLSPAUGH, C. F., M.D., 138 Front St., Binghamton. *Medical Bot.* Desires correspondence in view of exchange from Canada and the South and West U.S. C.* **N.Y.**

MINER, RANDOLPH H., Midshipman U.S. Navy, Mem. Biol. Soc. of Washington, Smithsonian Inst., Washington. *Ichth., Tax.** **D.C.**

MINNS, Miss S., 14 Louisburg Sq., Boston. *Bot.: Grasses, Umbelliferæ.* Ex.* **Mass.**

MINOT, CHARLES S., Roslindale P.O., Boston. *Ent., Physiol.** **Mass.**

MINOT, H. D., Box 2477, Boston. *Orn.* C.* **Mass.**

MITCHELL, BRAINERD, Pearl Depot, Pike Co. *Arch.* C. Ex. arrow and spear heads, scrapers, etc. **Ill.**

MITCHELL, GEORGE O., Raleigh. *Mic., Gen. Biol., Histol. of Vert.* C. C. Ex.* **N.C.**

MITCHELL, MELVILLE A., Box 96, Waldo. *Geol., Min., Con.* C. Ex. shells and Fla. curiosities for cabinet spec. shells.* **Fla.**

MITCHELL, M. SID., Rome. *Gen. Nat. Hist.* C. **N.Y.**

MITCHELL, R. M., 996 Dean St., Brooklyn. *Ool.* C. Ex. for sets and nests.* **N.Y.**

MIXTER, WILLIAM G., Prof. Chem. Yale Coll., 8 Trumbull St., New Haven. *Chem.* **Conn.**

MOE, E. S., Union Grove, Racine Co. *Bot.* **Wis.**

MOFFAT, J. A., Hamilton, Ont. *Coleopt., Lepid.* C.* **Canada.**

MOFFAT, J. L., M.D., D. et A., Ch.D., 17 Schermerhorn St., Brooklyn. *Oculist.** **N.Y.**

MOFFATT, ANSIL, 322 Peru St., Indianapolis. *Bot., Chem.** **Ind.**

MOFFITT, JACOB W., Chillicothe. *Palæo.* C.* **Ill.**

MOHR, CHARLES, Mobile. *Bot.: Forestry, Glumaceous plants, Mosses and Ferns.* Graminiæ, Cyperaceæ and ligneous plants of the West desired in ex. for Southern plants.* **Ala.**

MOHR, CHARLES A., Prof. Chem. Med. Coll. of Ala., Mobile. *Chem.** **Ala.**

MOHR, E. K., Morris, Grundy Co. *Geol., Min., Palæo.* C. fossils in ex. for others and minerals. **Ill.**

MOHR, PAUL, Ohio Ave., Cincinnati. *Geol., palæo., Min.* C. Ex. **Ohio.**

MOLER, W. G., B.S., Portsmouth. *Bot., Ast., Zool.* C. Ex.* **Ohio.**

MONELL, JOSEPH, Argentine. *Bot., Ent., Aphididæ.* C. Ex.* **Kan.**

MONKS, SARAH P., A.M., Cold Spring, Putnam Co. *Herpet., Comp. Osteol., Spec. Batrachia.* C. Ex. **N.Y.**

MONROE, K. DAYTON, D.D.S., 73 No. Pearl St., Albany. *Mic.* **N.Y.**

MONTGOMERY, DENNIS, Fairmont. *Ool.* Collects eggs and nests. Ex. **Ind.**

MONTGOMERY, HENRY, M.A., B.Sc., Lec. on Zool. and Bot., Toronto School of Med., Toronto, Ont. *Comp. Anat., Physiol., Zool., Palæo.* C. Ex.* **Canada.**

MONTGOMERY, S., A.M., Prof. Nat. Science Olivet Coll., Olivet, Eaton Co. *Chem., Phys.* **Mich.**

MOODY, Prof. EDW. F., C.E., Ph.D., Camden. *Chem.* **N.J.**

MOODY, H. L., Malden. *Bot.* C.* **Mass.**

MOODY, J. D., Meudota. *Am. Antiquities.* C.* **Ill.**

MOOR, M. M., Blooming Grove, Franklin Co. *Arch.* C. Ex. **Ind.**

MOORE, ALEX., 3 School St., Boston. *General.** **Mass.**

MOORE, Dr. C. V. Fairmont. *Geol.* C. Ex. **Ind.**

MOORE, GEORGE, Muscatine. *Con., Mic., Palæo.* C. Ex. Min. and fossils.* **Ia.**

MOORE, HENRY K., 411½ California St., San Francisco. *Mic.* C. **Cal.**

MOORE, JAMES W., M.D., Easton. *Phys.* **Penn.**

MOORE, JOSEPH, Pres. Earlham Coll., Richmond. *Geol.* C. Ex. Trenton fossils for fossils of the Primordial.* **Ind.**

MOORE, J. P., Cal. Acad. Sci., San Francisco. *Mic.* C.* **Cal.**

MOORE, NATHAN, Grampian Hills, Clearfield Co.* **Penn.**

MOORES, HENRY, 109 W. Rich St., Columbus. *Palæo., Moll.* C. Ex.* **Ohio.**

MORDEN, JOHN A., Hyde Park, Ont. *Orn., Ool., Arch., Geol.* C. Ex.* **Canada.**

MOREHEAD, Mrs. H. B., Gilbert Ave., Cincinnati. *Land, Fresh-Water and Marine Mollusks.* C. Ex.* **Ohio.**

MOREHOUSE, G. R., A.M., M.D., 227 So. 9th St., Philadelphia. *Biol.* **Penn.**

MOREHOUSE, GEORGE W., Wayland, Steuben Co. *Mic.** **N.Y.**

MORGAN, A. P., Cincinnati, Station A. *Bot.* C. Ex.* **Ohio.**

MORGAN, HENRY, 200 Carew St., Springfield. *Orn.* **Mass.**

MORGAN, Mrs. L. V., Columbus. *Crypt. Bot., Phæn. Bot., Botanical Drawing.* C. **Ohio.**

MORGAN, WILLIAM J., Somerville. *Microscopy.* **N.Y.**

MORGENROTH, H. A., Tiffin. *Lepid. of the world.* C. Ex.* **Ohio.**

MORLEY, EDW. W., M.D., Ph.D., Prof. Chem. Western Reserve Univ., Prof. Chem. and Tox. Cleveland Med. Coll., Cleveland. *Chem., especially Gas Analysis.* **Ohio.**

MORONG, Rev. THOMAS, Ashland. *Phæn. Bot., Vascular Cryptogams.* Specialty of Potamogeton. C. Ex.* **Mass.**

MORRELL, C. GARDNER, Augusta, Hancock Co. *Min.* C. Ex.* **Ill.**

MORRELL, H. K., Gardiner. *Bot., Min., Con.* C.* **Me.**

MORRILL, ALBRO D., Teacher of Nat. Sci. Lewistown Acad., Lewistown. *Bot., Ent.: Coleopt., Geol.* C. Ex. **Penn.**

MORRILL, T. WORCESTER, cor. Penn and Allen Sts., Frankford, Philadelphia. *Min.* C. Ex. **Penn.**

MORRIS, Miss CORNELIA F., 123 So. Salina St., Syracuse. *Geol., Lithol., Min., Invert. Palæo., L. and F. W. Shells.* C. Ex. **N.Y.**

MORRIS, GALLOWAY C., E. Tulpohocken St., Germantown, Philadelphia. *Mic., Diatoms, Desmids, Algæ.* Ex.* **Penn.**

MORRIS, GEO. S., Olney P.O., Philadelphia. *Orn., Ool.* C. Ex.* **Penn.**

MORRIS, J. CHESTON, M.D., 1514 Spruce St., Philadelphia. *Biol.* C.* **Penn.**

MORRIS, Rev. JOHN G., D.D., LL.D., 106 N. Green St., Baltimore. *Ent., Mic.* C. **Md.**

MORRIS, ROBERT T., M.D., New Haven. *Vertebrates of N. A.* Ex. *Entozoa.** **Conn.**

MORRIS, W. J., Elmore, Peoria Co. *Arch., Geol.* C. Ex. fossils, shells, and mound relics. **Ill.**

MORRISON, H. K., Box 22, Morganton, Burke Co. *Ent.: Coleopt., Lepid.* List of species sent on application. Large collections from Arizona, California, and Montana.* **N.C.**

MORRISON, WILLIAM J., Moorestown, Burlington Co. *Mic., Gen. Biol., Ent., Lichens, Algæ, Diatoms, Fungi.** **N.J.**

MORRISSEY, ALFRED, St. John, N.B. *Orn.* **Canada.**

MORROW, R., Halifax, N.S. *Anat.** **Canada.**

MORSE, EDW. S., Director Peabody Acad. Sci., Salem. *Zool.** **Mass.**

MORSE, FRANK B., B.S., 13 Worcester Square, Boston. *Geol., Min.* C. Ex. **Mass.**

MORSE, HOBART A., Hammond St., Lawrence Co. *Orn., Ool., Tax.* C. Ex.* **N.Y.**

MORSE, H. B., Hanover, Jefferson Co. *Geol.* C. Ex. Silurian for other fossils. **Ind.**

MORSE, HARMON N., Johns Hopkins Univ., Baltimore. *Chem.* **Md.**

MORSE, S. R., County Supt. of Public Instruction, Atlantic City. *Bot., Ferns, Mosses, Algæ, Geol., Min., Mic., Photog., Tax.** **N.J.**

MORSE, Mrs. WALTER, Eaton, Madison Co. *Geol., Con.* C. Ex. **N.Y.**

MORSS, CHARLES H., 7 Thayer Hall, Cambridge. *Zool.** **Mass.**

MORTON, EMILY L., Newburgh. *Ent., Lepid., Coleopt.* C. Ex.* **N.Y.**

MORTON, HENRY, Ph.D., Pres. Stevens Inst. of Tech., Hoboken. *Physics, Chem.** N.Y.

MORTIMER, Capt. JOHN H., New York. *Hydrozoa, Mollusks.* C. N.Y.

MOSES, T. F., A.M., M.D., Prof. Nat. Sci. Univ., Urbana. *Geol., Gen. Biol., Arch.* C.* Ohio.

MOSEY, E. RICHARD, 27 Hayden St., Toronto. *Ent., Ool.* C. Ex.* Canada.

MOSHER, Dr. J. S., 3 Lancaster St., Albany. *Microscopy.* N.Y.

MOSS, J. CLARK, P.C., Mid Lothian P.O., Harper Co. *Geol., Orn., Ool.* C. Ill.

MOSS, MILTON, Prof. Min. and Met. Colorado State School of Mines, Golden. *Min., Crystal., Met.** Col.

MOTE, E. J., Richmond. *Meteo., Photog., Palæo., Arch., Geol.* C. Ex. L. Sil. fossils for those of other periods.* Ind.

MOTHERAL, Rev. N. W., Mt. Hope, Lawrence Co. *Ent.* Ala.

MOTT, HENRY A., Jr., Ph.D., E.M., 10 Spruce St., 30 W. 59th St., New York. *Micros., Mining Engineering and Analyt. Chem.* C.* N.Y.

MOULTON, CHARLES W., University, Minneapolis. *Bot.* C. Ex.* Minn.

MOULTON, EDW., Newburyport. *Mic.* C. Ex. Mass.

MOUSER, S. M., M.D., 235 Kearney St., San Francisco. *Mic., Gen. Bot., Vert. Emb., Histol. of Vert.* C. Ex. Cal.

MOYER, I. S., M.D., Richland Centre, Bucks Co. *Bot.* C. Will exchange for plants west of the Mississippi.* Penn.

MUELLER, OTTO E., Madison and Shelby Sts., Louisville. *Bot.* C. Ex.* Ky.

MUELLER, Prof. RUDOLPH, Ph.D., New Corydon, Jay Co. *Arch., Eth., Geol., Met.* C. Ind.

MUIR, WILLIAM, Fox Creek, St. Louis Co. *Horticulture.* C. Mo.

MUNDT, A. H., Fairbury, Livingston Co. *Lepid., Coleopt., Ool., Native and Exotic cocoons and pupæ.* C.* Ill.

MUNDY, Rev. EZEKIEL W., Syracuse.* N.Y.

MUNGER L. D., Leicester Junction. *Orn., Ool.* C. Ex. Vt.

MUNN, MARCUS D., Ph.B., Yale College, New Haven. *Analyt. Chem.* Conn.

MUNROE, CHARLES E., Prof. Chem., U.S. Naval Acad., Annapolis. *Chem., Palæo., Min., Mic.* C. Ex. minerals and tertiary fossils. Specialty, the Chem. of explosives.* Md.

MUNROE, Miss E. F., East Cambridge. *Min.** Mass.

MUNROE, HENRY F., 821 W. Jackson St., Chicago. *Bot.* C. Ex. Desires Pacific coast species. Ill.

MUNROE, H. S., E.M., Ph.D., Adj. Prof. School of Mines Columbia Coll., New York. *Econ. Geol.** N.Y.

MUNROE, WILLIAM C., M.D., Pultneyville, Wayne Co. *Dermatology, Mic., Diatoms, Infusoria, Bot., Ast., Orn.* C. Ex.* N.Y.

MUNSON, W. W., M.D., Otisco, Onondaga Co. *Gen. Nat. Hist., Mic., Ent.* C. Ex. Mic. preparations.* N.Y.

MURDOCH, JOHN, 195 Walnut Ave., Roxbury. *Gen. Biol., Orn.* Mass.

MURDOCK, E. P., M.D., 130 So. Halsted St., Chicago. *Orn., Biol.* C.* Ill.

MURDOCK, J. B., Lieut. U.S.N, care J. N. Murdock, Box 21, Boston. *Min., Lithol.* C. Ex.* Mass.

MURPHEY, MAHLON DAY, Jr., Cortland, Cortland Co. *Orn., Ool., Ent.,* C. Ex. Bird skins and eggs of this locality. N.Y.

MURPHY, M., Prof. Engineering, Halifax, N.S. *Min.* Canada.

MURRAY, WILLIAM, 115 Jackson St., West Hamilton, Ont. *Ent.: Coleopt., Lepid.* C. Ex. Canada.

MURTFELDT, MARY E., Kirkwood. *Phæn. Bot.* C. Ex.* Mo.

MUSSO, GEORGE W., Jr., 3 Crosby St., Lynn. *Min.* C. Ex. for good characteristic spec., cabinet size. Correspondence solicited.* Mass.

MUZZY, Mrs. A. J., Bristol. *Min.** Conn.
MYERS, Prof. JOHN A., 815 W. Chesnut St., Louisville. *Chem.** Ky.
MYERS, JUSTUS M. T., Fort Madison. *Coleopt., Lepid. Geol.* C. Ex.* Ia.
MYHILL, ALFRED, Medina. *Orn.* C. Ex. for S. A., bird skins, or sea-shore birds and others, not found in Orleans Co.* N.Y.

N.

NACHTRIEB, H. F., 15 North St., St. Paul. *Ent., Zool. in Gen.** Minn.
NASH, GEORGE V., Harrisburg. *Min.** Penn.
NASH, H. W., Pueblo. *Orn., Tax., Lepid.* C. Ex. Lepid.* Col.
NASH, Rev. J. A., Pres. Univ., Des Moines. *Min.* C. Ex. Ia.
NASON, Rev. ELIAS, North Billerica. *Bot., Met., Acoustics.** Mass.
NASON, H. B., Prof. Chem. and Min. R.P. Inst., Troy. C.* N.Y.
NASON, WILLIAM A., A.M., M.D., Algonquin. *Ent.: Coleopt., Invert. Palæo., Moll.* C. Ex. Wants N.A. Coleopt. and Exotic marine shells.* Ill.
NEFF, CHARLES H., Portland. *Arch., Orn., Ool.* C. Ex.* Conn.
NEILSON, ERNEST F., New Brighton. *Reptiles, Fish.* C. Ex. N.Y.
NEISCHLER, H. M., M.D., Butler, Taylor Co. *Bot.* Ga.
NELL, PHILIP, 253 So. 12th St., Philadelphia. *Ent.: Arach.* C. Ex.* Penn.
NELSON, E. T., Ph.D., Prof. Nat. Hist. and Cur. in charge of Univ. Mus., Ohio Wesleyan Univ., Delaware. *Geol., Zool.* C. Unionidæ, Marine Shells and Devonian fossils for ex.* Ohio.
NELSON, E. W., Chicago. Smithsonian Inst., Washington. *Orn., Eth.** D.C.
NELSON, HENRY M., Georgetown. *Phæn. Bot.* Mass.
NELSON, JULIUS, Waupaca. *Zool.** Wis.
NETTELROTH HENRY, Civil Engineer, Louisville. *Palæo., Orn.* L. Silurian and Devonian fossils in ex. for specimens from other localities. Ky.
NEUMOGEN, B., Box 2581, New York. Purchase and exchange of Lepidoptera of the world. Collectors wanted in all parts of the U.S., Canadas, and the world. Liberal payments.* N.Y.
NEVIN, Rev. J. C., Los Angeles. *Bot., Ferns, Mosses.* C. Ex. only for Pacific Coast, Arizona, and New Mexico at present.* Cal.
NEVIUS, Rev. R. D., D.D., Spokane Falls. *Bot.** W.T.
NEWBERRY, J. S., M.D., LL.D., Prof. Geol. and Palæo., Columbia Coll., New York. *Geol., Palæo., Bot.* C.* N.Y.
NEWBY, Dr. J. B., 1127 Washington Ave., St. Louis. *Ool., Arch.* C. Ex.* Mo.
NEWCOMB, HARRY H., Greenwood. *Lepid.* C. Ex. Mass.
NEWCOMB, SIMON, Nautical Almanac Office, Washington. *Mathematical Ast.** D.C.
NEWCOMB, W., M.D., Cur. Cornell Univ., Ithaca. *Con.* Ex.* N.Y.
NEWCOMER, J. W., M.D., Petersburg. *Bot., Ent., Mic., Orn., Geol. of Coal measures.* C. Ex.* Ill.
NEWLON, W. S., Oswego. *Bot., Zool., Geol.** Kan.
NEWCOMMER, GEORGE, Franklin Groves, Lee Co. *Arch.* C. Ex.* Ill.
NEWMAN, ARTHUR B., Fairport, Monroe Co. *Mic.* C. Ex. N.Y.
NEWTON, Prof. H. A., Yale Coll. Observ., New Haven. *Ast.* Conn.
NEWTON, R. G., Norwich, Chenango Co. *Bot., Ool., Ent.* Ex.* N.Y.
NICHOLS, ALONZO, Chariton, Lucas Co. *Bot., Ent.* Ex. live plants.* Ia.

NICHOLS, ANDREW R., Danville, Hendricks Co. *Phæn. Bot., Ferns, Mosses, Geol., Min., Org. Chem., Elect., Mic., Ast., Zool., Osteol., Crustacea, Mollusks, Radiates, Sponges.* C. Ex. **Ind.**

NICHOLS, AUSTIN P., S.B., Boston Journal of Chemistry, 165 High St., Boston. *Chem.* **Mass.**

NICHOLS, C. E., M.D., 14 Fourth St., Troy. *Mic.* **N.Y.**

NICHOLS, D. A. A., Ed. "Country Gentleman," Albany. *Bot.** **N.Y.**

NICHOLS, EDWARD L., Richmond. *Phys.** **Ky.**

NICHOLS, EDW. L., Ph.D. (Gott.), Fellow Johns Hopkins Univ., Baltimore. *Phys.* **Md.**

NICHOLS, GEORGE W., Merrimac. *Ent., Con.* C. **Mass.**

NICHOLS, JASON E., Lansing. *Orn., Ool.* C. Ex.* **Mich.**

NICHOLS, J. H., Easton. *Ast., Geog.** **Penn.**

NICHOLS, WALTER R., New Haven. *Orn., Ool.* C. Ex. **Conn.**

NICHOLS, WM. RIPLEY, Mass. Inst. of Tech., Boston. *Inorg. Chem., Water Supply.** **Mass.**

NICHOLSON, HUNTER, Prof. Nat. Hist. Univ. Tenn., Knoxville. *Con.* C. Ex. Tenn. shells for others. **Tenn.**

NICHOLSON, H. H., M.A., Prof. Chem. Nebraska State Univ., Lincoln. *Min.* C. Ex.* **Neb.**

NICKERSON, FRANKLIN, M.D., 35 Kirk St., Lowell. *Bot.* C. Ex. **Mass.**

NICKERSON, GEORGE Y., 75 Union St., New Bedford. *Con.** **Mass.**

NICKERSON, Mrs. GEORGE Y., 140 Purchase St., New Bedford. *Con.** **Mass.**

NICKLES, JOHN M., 114 Everett St., Cincinnati. *Zool., Palæo., Palæozoic Bryozoa a specialty.* C. Ex.* **Ohio.**

NIEDMAN, WALDIMIR DE, Botanic Gardens, Washington. *Bot., Gramineæ.** **D.C.**

NILES, WILLIAM H. (Prof. Mass. Inst. Tech.), Cambridge. *Geol., Phys., Geog.** **Mass.**

NIPHER, FRANCIS E., Prof. Phys. Washington Univ., Dir. Mo. Weather Service, St. Louis. *Met., Phys.** **Mo.**

NISSLEY, J. R., P.O. Box 238, Mansfield. *Arch., Geol., Min.* C. Ex. European coral and Indian relics for sale or exchange.* **Ohio.**

NIXON, CHAS. F., Pharmacist, Leominster. *Min.* C. Ex.* **Mass.**

NIXON, T., Box 504, Wellington, Sumner Co. *Ent., Geol.* C.* **Kan.**

NLAESER, KARL G., Brigham Young Acad., Provo City, Utah Co. Prof. Nat. Sci. **Utah.**

NOBLE, Miss MARY S., Acton. *Tax., Snakes.* C.* **Ill.**

NOE, FLETCHER M., 1306 New York St., Indianapolis. *Tax., Spec. for sale.* **Ind.**

NOE, LOUIS H., Elizabeth. *Microscopy.** **N.J.**

NOLAN, EDW. J., M.D., Acad. Nat. Sci., Philadelphia. *Biol., Biblioq Nat. Sci.** **Penn.**

NOLT, R. S., Strasburg, Lancaster Co. *Min.* C. Ex.* **Penn.**

NORDINO, J. N., 141 St. Francis St., Mobile. *Nat. Hist.** **Ala.**

NORRIS, J. W., M.D., Oregon City. *Arch.** **Ore.**

NORRIS, WILLIAM, 516 California St., San Francisco. *Mic.* C. Ex.* **Cal.**

NORTON, ALICE J., Bristol. *Bot.* C. Ex.* **Conn.**

NORTON, EDW., Farmington. *Ent.: Hymenoptera.** **Conn.**

NORTON, I. HERBERT, Leicester, Addison Co. *Geol., Min., Palæo., Med. Mic., Bot.* C. Ex. **Vt.**

NORTON, J. H., Plainville, Onondaga Co. *Eth., Arch.* Ex. Prehistoric relics of Iroquois or Six Nations wanted.* **N.Y.**

NORTON, MARY E. B., San Jose. *Bot.* C. Ex. **Cal.**

NORTON, SIDNEY A., Ph.D., LL.D., Prof. Chem., 211 E. State St., Columbus. *Chem.** **Ohio.**

NORTON, WILLIAM H., Prof. Cornell Coll., Mt Vernon, Cur. Museum *Invert. Palæo., Geol., Min.* Fossils of Maquoketa Shales and Hamilton to ex. List of duplicates for exchange sent on application. C. Ex.* Ia.
NORWOOD, Prof. CHARLES J., Russellville. *Geol., Invert. Palæo.* C. Ky.
NORWOOD, J. G., M.D., LL.D., Columbia. *Invert. Palæo., Geol.* C. Mo.
NOTTBECK, PETER DE., Fishkill-on-the-Hudson. *Orn.* C. Ex. N.Y.
NOYES, W. H., D.M.D., Newburyport. *Mic., Vivaria.* C. Ex.* Mass.
NUMSEN, W. H., 18 Light St., Baltimore. *Ast.* Md.
NUTTALL, L. W., Nuttallburg, Fayette Co. *Geol.* W.Va.
NUTTER, FRANK H., C.E., Room 14, Johnston's Block, Minneapolis. *Min., Ool., Con.* C. Ex. shells or any desired specimens of this vicinity for bird's eggs.* Minn.
NUTTING, WALLACE, Wheaton, Du Page Co. *Bot., Mam., Orn., Tax.* C. Ill.

O.

OAKES, R. A., Watertown. *Palæo., Trenton Limestone and Utica Slate.* N.Y.
OAKES, WALTER, cor. 9th and Penn Sts., Kansas City. *Con., Ool.* C. Ex. Mo.
BER. FREDERICK A., Beverly. *Orn.* Penn.
OBERLY, T. J., Sinking Spring. *Bot.* C. Ex.* Penn.
O'BRIEN, WILLIAM D. A., 207 W. Main St., Springfield. *Marine objects.* C. Ex. Ohio.
OBST, C. L., Pittsfield, Pike Co. *Arch., Prehistoric remains, Geol., Min.* C. Ex. Hoeflichst erbitte einen vertausch aller Vorgeschichtlichen Geraetschaften von Stein, Horn, Kupfer, Thon, Knochen, und Mineralien von den U.S., Europa, und aller Länder.* Ill.
OERTEL, T. E., Morgantown, Burke Co. *Lepid.* N.C.
OGDEN, JOHN J., 168 Tremont St., Boston. *Mic.* Mass.
OHLER, WILLIAM H., 258 Middle St., Portland. Me.
OLDROYD, O. H., Springfield. *General.* C. Ex. or buy anything pertaining to Abraham Lincoln, or relics of the late war. Ill.
OLESON, O. M., Ph.G., Fort Dodge. *Bot.* C. Ex. Ia.
OLSHAUSEN, ERNEST P., 916 Hickory St., St. Louis.* Mo.
O'NEALL, KELLY, Lebanon. *Geol, Palæo.* C. Ex. Ohio.
ORCUTT, CHARLES R., San Diego. *Gen. Sci., Bot., Moll.* C. Desires correspondence.* Cal.
ORCUTT, JOHN H., San Diego. *Con., Ool.* C. Ex.* Cal.
ORDWAY, JOHN M., Mass. Inst. Tech., Boston. *Chem., Biol.* Mass.
ORMSBY, E. L., 251 Woodland Ave., Cleveland. *Nat. Sci., Tax.* Ohio.
ORNE, JOHN, Jr., Cambridge. *Phys., Bot., Ent.* C.* Mass.
ORTON, Prof. EDWARD, Columbus. *Strat. Geol.* C.* Ohio.
OSBORN, A. O., Waterville, Oneida Co. *Geol., Palæo. Devonian and Lower Hilderberg fossils.** N.Y.
OSBORN, B. F., Rippey, Greene Co. *Palæo., Geol., Min.* C. Ex. Ia.
OSBORN, FRANCIS A., 43 Milk St., Boston. *Bot., Mic.** Mass.
OSBORN, Prof. HENRY F., Princeton. *Gen. Biol., Emb., Anat., Vertebrates.** N.J.
OSBORN, H. L., B.A., Fellow Johns Hopkins Univ., Baltimore. *Biol., Moll., Bot., Mic.* C. Ex. Md.
OSBORN, HERBERT, M.Sc., Asst. Prof. Ent. and Zool., Ag. Coll., Ames. *Ent.* C. Ex. Desires Hemiptera.* Ia.
OSBORN, Prof. H. S., LL.D., Oxford. *Min., Chem.** Ohio.

OSBORN, J. A., Marshfield. *Min., Emb., Gen. Nat. Hist.* C. Ex.* **Mass.**
OSBORN, LUCIAN M., LL.D., Prof. Phys. Sci., Madison Univ., Hamilton. **N.Y.**
OSBORNE, JAMES H., M.D., Southington, Hartford Co. *Elect., Mic., Biblog., Herpetol.** **Conn.**
OSBORNE, J W., 212 Delaware Ave., N.E., Washington. **D.C.**
OSBORNE, S. D., 428 Henry St., Brooklyn. *Orn., Ool.* C. No ex.* **N.Y.**
OSBORNE, THOMAS B., Box 1152, New Haven. *Orn., Herpetol.* C. Ex. **Conn.**
OSGOOD, F. STORY, Box 517, Newburyport. *Min., Arch.* C. Ex.* **Mass.**
OSGOOD, J. W., Cincinnatus, Cortland Co. *Ast.** **N.Y.**
OSLER, WILLIAM, M.D., M.R.C.P. Lond., Prof. Physiol. McGill Coll., Montreal. *Gen. Biol., Entozoa, Bryozoa.** **Canada.**
OSMOND, I. T., A. M., Prof. Physics, State College, Centre Co. *Phys.** **Penn.**
OSMUN, G. R., Detroit. *Astronomy.** **Mich.**
OTT, ISAAC, M.D., Easton, Northampton Co. *Physiol., Toxicol.*, esp. Snake poison and action of drugs on the growth of plants.* **Penn.**
OUDESLUYS, C. L., 71 Exchange Place, Baltimore. *Min.* C.* **Md.**
OUSLEY, CLARENCE N., Prof. Nat. Sci., Marvin Coll., Waxahachie, Ellis Co. *Bot., Agric., Lithol., Chem* C. Ex.* **Texas.**
OWEN, Prof. E. T., Madison, Dane Co. *Lepid.* C. Ex. Desires price-lists of Lepid.* **Wis.**
OWEN, H. E., Adrian. *Fishes and Graminiæ.* **Mich.**
OWEN, Dr. O. W., 31 State St., Detroit. *Mic.** **Mich.**
OWEN, Prof. RICHARD, M.D., LL.D., New Harmony. *Phys., Dynam., Geol.** **Ind.**
OWENS, C S., 71 Miller St., Utica. *Nat. Hist., Arch.* C.* **N.Y.**
OYSTER, Dr. J. H., Paola. *Med. Bot.* Ex.* **Kan.**

P.

PACKARD, A. S., Jr., Prof. Zool. and Geol., Brown Univ., Providence. *Gen. Zool.** **R.I.**
PAGE, ADINO, Metamora. *Geol., Min., Palæo.* C. Ex. Many minerals and fossils from Drift formation in this vicinity.* **Ill.**
PAGE BROS. (J. W. & C. N.), Muscatine. *Geol., Arch., Lepid., Orn., Ool.* C. Ex. **Ia.**
PAGE, JOHN R., M.D., Prof. Univ. of Virginia. *Zool., Agric., Bot., Experimental and Practical Agric.* C. Ex. **Va.**
PAGE, JOHN W., Metamora, Woodford Co. *Geol.*, C.* **Ill.**
PAINE, Rev. Prof. J. A., Ph.D., Tarrytown. *Phæn. Bot., Ferns.* C. Ex. **N.Y.**
PALMER, ASHUR, Kennett Square, Chester Co. *Ool., Tax.* C. Ex.* **Penn.**
PALMER, CHASE, Ph.D., Chemist Johns Hopkins Univ, Baltimore.* **Md.**
PALMER, F. W., Penn Yan, Yates Co. *Bot., Ent.* C.* **N.Y.**
PALMER, G. ARTHUR, Lockport. *Bot., Orn., Ool.* C. Ex.* **N.Y.**
PALMER, GEORGE H., Asst. Prof. Phil., Harvard Coll., Cambridge. **Mass.**
PALMER, Miss KATE, 721 W. Jefferson St., Louisville. *Bot.* C. **Ky.**
PALMER, LEWIS, Media. *Bot., Min.*, C. of plants and minerals, spec. ferns.* **Penn.**
PALMER, T. C., Jr, Lamokin, Del. Co. *Bot.* C.* **Penn.**
PANTON, M. H., Clay Centre, Clay Co. *Phæn, Bot* **Kan.**
PARISH, SAMUEL B., San Bernardino. *Bot.* C. Plants of Southern Cal. for sale.* **Cal.**
PARISH, WILLIAM F., San Bernardino. *Bot.* C.* **Cal.**

PARK, AUSTIN F., 31 Boardman Building, Troy. *Orn.* C. Ex. **N.Y.**
PARK, JOHN R, M.D., Univ. Salt Lake City, Prof. Univ. of Deseret. *Ool.** **Utah.**
PARKER, A. J., M.D., Acad. Nat. Sci., N. 9th St., Philadelphia. *Vert., Anat.* **Penn.**
PARKER, A. T., Lexington. *Mic. Histol., Photog., Mic.* C. Ex.* **Ky.**
PARKER, CHARLES F., 324 N. 6th St., Camden. *Bot. of N. J.** **N.J.**
PARKER, EDWARD H., M.D., Poughkeepsie. *Fungi.* **N.Y.**
PARKER, G. HOWARD, Acad. Nat. Sciences, cor. 19th and Race Sts., Philadelphia. *Zool., Ent., Lepid.* C.* **Penn.**
PARKER, GEORGE W., Wenona, Marshall Co., or Yorkville, Kendall Co. *Gen. Zool.* C Ex.* **Ill.**
PARKER, HERBERT, So. Lancaster. *Orn., Ool.* C.* **Mass.**
PARKER, HARVEY D., Ludlow, Windsor Co. *Min.* C. Ex. **Vt.**
PARKER, Prof. H. W., Iowa Coll., Grinnell. *Incert. Palæo., Strat. Geol., Orn., Lepid., Mollusks.* C. **Ia.**
PARKER, Dr. J. C., Grand Rapids. *Ichth.* C. Ex. **Mich.**
PARKER, JOHN D., Ph.D., B.D., Fort McKavett. *Arch.** **Texas.**
PARKER, P. H., Washington, Tazewell Co *Min., Palæo., Ent.: Coleopt., Lepid., Bot., Con.* C. Ex.* **Ill.**
PARKHURST, HENRY M., 173 Gates Ave., Brooklyn. *Ast.** **N.Y.**
PARKHURST, V. P., East Templeton. *Gen. Nat. Hist., Invert. Palæo., Min., Mollusks.* Spec.: *Bot.* · *W. I. Ferns.* C. Ex.* **Mass.**
PARKINSON, DANIEL B., Carbondale, Jackson Co. *Geol., Chem., Phys., Min., Tax.** **Ill.**
PARKMAN, EUGENE, Aledo. *Orn., Ool., Tax.* C. Ex.* **Ill.**
PARMELE, GEORGE L., M.D., D.M.D., 17 Haynes St., Hartford. *Mic., Oral Sci., Ent., Gen. Biol.* C. Ex.* **Conn.**
PARMELE, Mrs. G. L., 17 Haynes St., Hartford. *Ferns, Ent.* C. Ex.* **Conn.**
PARR, THOMAS W., Barron. *Chem., Bot., Geol.* C. Ex.* **Wis.**
PARRISH, H. R., Burlington. *Ool.* C. **N.J.**
PARRISH, W. J., 1232 Genesee St., Kansas City. *Palæo.* C. Ex. good Carb. fossils for other good fossils.* **Mo.**
PARRY, Dr. C. C., Davenport. *Bot.* **Ia.**
PARSHALL, S. E., Cheshire, Ont. Co. C. Ex. *Tax.* C. of birds' eggs.* **N.Y.**
PARSONS, C. C., 189 Waverley Ave., Brooklyn. *Chem.* **N.Y.**
PARSONS, CHARLES W., M.D., Prof. Physiol., Brown Univ., Providence. *Comp. Anat., Human Physiol.* **R.I.**
PARSONS, NEWELL A., Enfield St., Thompsonville, Hartford Co. *Arch. Ool., Moll.* C. Ex.* **Conn.**
PARSONS, WM. S., West Hartford. *Geol., Min.* C. Ex. **Conn.**
PARVIN, Prof. T. S., Iowa City. *Bot.* **Ia.**
PATCH, EDGAR L., Ph.G., Prof. Theory and Practice of Pharm. Coll of Pharm., 90 Green St., Boston. *Pharm Chem.** **Mass.**
PATTEE, ASA F., M.D., 94 W. Springfield St., Boston. Prof. Coll. of Physicians and Surgeons. *Bot.* C. Ex.* **Mass.**
PATTEE, W. D., Burnett Station. *Orn., Coleopt.* C. **Wis.**
PATTEE, W. H., M.D., Minneapolis. *Orn., Min.* C. Ex. **Minn.**
PATTERSON, H. N., Oquawka. *Bot.* C. Ex.* **Ill.**
PATTERSON, H. L., 612 N. 15th St., Phila. *Ool., Tax., Orn.** **Penn.**
PATTERSON, Col. T. B., Oquawka. *Arch., Geol.** **Ill.**
PATTERSON, JOHN D., Geneva. *Con., Min., Zool.* **N.Y.**
PATTERSON, JOHN P., A.M., Supt. of Schools, Washington C. H., Fayette Co. *Con.* C. Ex. **Ohio.**
PATTERSON, NORMAN L., Georgetown. *Bot., Min.** **Col.**
PATTERSON, THOMAS W., Warsaw. *Geol., Ent.* C. Ex.* **N.Y.**

PATTON, Rev. A. W., Evanston. *Mic.** **Ill.**

PATTON, HORACE B., Howard Univ., Washington. *Bot., Geol., Zool.* **D.C.**

PATTON, ROBERT M., 312 N. 33d St., Philadelphia. *Ent., Gen. Nat. Hist.* C. **Penn.**

PATTON, W. H., Waterbury. *Bot., Ent., Hymenop.* C.* **Conn.**

PATRICK, GEORGE E., Prof. Chem. Univ., Kan., Lawrence. *Chem., Min.* C. Ex.* **Kan.**

PATRICK, JOHN, Jr., M.D., D.D.S., Belleville, St. Clair Co. *Anth.* C. Ex. **Ill.**

PAUL, WILLARD A., M.D., Rock Island. *Geol., Min., Bot.* C. Ex.* **Ill.**

PAYNE, WILLIAM B., Ph.D., Prof. Physical Sciences Tabor College, Tabor, Fremont Co. *Min., Chem., Physics, Meteo.** **Ia.**

PAYNE, WILLIAM M., Teacher Chem. and Phys. So. Divis High School. Chicago. *Bot.** **Ill.**

PAYNE, WILLIAM W., Prof. Math. and Ast., and Director of Carleton Coll., Northfield, Rice Co. *Ast.** **Minn.**

PEABODY, SELIM H., Ph.D., LL.D., Pres. Ill. Industrial Univ., Champaign. *Phys., Ent.* C.* **Ill.**

PEACOCK, WILLIAM F., Marysville, Jubo Co. *Orn., Ool.* C. Ex. **Cal.**

PEALE, A. C., M.D., Schuylkill Haven. *Geol.** **Penn.**

PEARSALL, R. F., 70 Broadway, New York. *Ool., Orn.* C. Ex.* **N.Y.**

PEARSON, A. W., Norwich. *Ent.* **Conn.**

PEARSON, FRED. S., College Hill. *Phæn. Bot., Geol., Min., Crystal., Lithol., Chem., Met., Phys., Elect.** **Mass.**

PEARSON, JONATHAN, Union College, Schenectady.* **N.Y.**

PEASE, ARTHUR D., Wilson, Niagara Co. *Bot., Coleopt., Geol., Orn.* C. Ex.* **N.Y.**

PEASE, CHARLES EDWIN, Augusta, Hancock Co. *Geol., Min.* C. Ex.* **Ill.**

PEASE, FREDERIC N., Box 195, Altoona. *Bot., Chem., Mosses, Mic.* C. Ex.* **Penn.**

PEATTIE, WILLIAM I., Jobstown. *Ent.: Coleopt., Lepid., Bot.: Ferns.* C. **N.J.**

PECK, CHARLES H., State Botanist, Albany. *Bot., Fungi.* C.* **N.Y.**

PECK, GEO. H., El Monte, Los Angeles Co. *Meteo.* C. Ex.* **Cal.**

PECK, WILLIAM G., Ph.D., LL.D., Prof. Math., Ast and Mech., Columbia Coll, New York. **N.Y.**

PECKHAM, B. J., Box 396, Westerly. *Ool., Gen. Nat. Hist.* C. Ex. in sets only. Makes a specialty of Blue Yellow-back Warbler Eggs.* **R.I.**

PECKHAM, GEO. W., Teacher Biol., High School, Milwaukee. *Comp. Anat., Arach.* C.* **Wis.**

PECKHAM, Prof. S. F., Minneapolis. *Min.* Zoolites and other minerals for ex. **Minn.**

PECKHAM, W. C., 348 Grand Ave., Brooklyn. *Bot.* C. Ex.* **N.Y.**

PEDRICK, WILLIAM R., Lawrence. *Geol., Min., Arch.* C.* **Mass.**

PEELOR, DAVID C. E., Johnstown. *Geol., Mic.** **Penn.**

PEET, STEPHEN D., Editor Am. Antiquarian, Clinton. *Arch., Eth.** **Wis.**

PEIRCE, JAMES M., Prof. Math., Harvard Coll., Cambridge. **Mass.**

PEIRCE, WM. C., S.T.D., Prof. Emeritus of Nat. Sci., Baldwin Univ., Berea. *Bot., Geol.* C. **Ohio.**

PEMBER, F. T., 164 So. 5th Ave., New York. *Ool.* C. Ex. A large quantity of duplicates in sets for exchange or for sale.* **N.Y.**

PEMBERTON, HENRY, 1947, Locust St., Philadelphia, Chemist (Manuf., Analyt., and Gen.). *Chem., Geol., Min., Crystal., Arch.** **Penn.**

PEMBERTON, HENRY, Jr., Camden. *Chem.* **N.Y.**

PENFIELD, SAMUEL L., Ph.B., Yale Coll, New Haven. *Min.* **Conn.**

PENGRA, C. PHILIP, M.D., Ovid. (During college session, Ann Arbor.) *Chem., Physics, Elect., Mic., Gen. Biol., Anat., Osteol., Myol.* C.* **Mich.**

PENNOCK, C. J., Kennett Square. *Orn.* C.* Penn.

PENNOCK, EDW., 805 Franklin St., Philadelphia. *Mic., Bot.** Penn.

PENNOCK, T., M.D., Media. *Orn., Ool.** Penn.

PENNYPACKER, CHARLES H., West Chester. *Min., Con., Arch., Mic., Bot.* C.* Penn.

PENNYPACKER, J. T., L.B. 13, Philadelphia. *Bot., Ent.* Penn.

PEPOON, HERMAN S., B.S., M.D., N.W. cor. Michigan Ave. and 22d St., Chicago. *Gen. Bot.* C. Ex.* Ill.

PEARSALL, J., 1420 So. 2d St., Philadelphia. *Geol., Orn., Ool., Ent.: Lepid., Moll.* C. Penn.

PERGANDE, THEO., Asst. Ent. Dept. Agric., Washington. *Hymenop., Coleopt. Thripadæ a specialty.* C. D.C.

PERKINS, GEORGE H., Prof. Nat. Hist. Univ. of Vt., Burlington. *Bot. Palæo., Arch., Zool.* C. Ex.* Vt.

PERKINS, HERBERT B., S.B., Prof. Math. and Ast., Lawrence Univ., Appleton. Wis.

PERKINS, Prof. H. M., Delaware. *Ast.* Ohio.

PERKINS, L. R., M.D., Salem. *Microscopy.* Mass.

PERKINS, MAURICE, M.D., Union Coll., Schenectady. *Chem.** N.Y.

PERLEY, Dr. THOMAS F., 116 Danforth St., Portland. *Ent., Bot.* C. Me.

PEROT, CHARLES P., 252 No. Broad St., Philadelphia. *Gen. Sci.** Penn.

PERRY, Rev. EDW. A., Palmer. *Mic., Min.* C. Ex.* Mass.

PERRY, N. H., South Paris, Oxford Co. *Min.* C. Collector of mineral and geological specimens. Can furnish specimens of all minerals found in this section. List sent on application.* Me.

PERRY, RALPH, 50 East Washington St., Indianapolis. *Ent., Lepid.* C. Ex. Ind.

PERRY, S. G., D.D.S., 10 E. 34th St., New York. *Mic.** N.Y.

PETER, ALFRED M., Lexington. *Analyt. Chem., Phæn. Bot.** Ky.

PETER, R., M.D., Chemist to Ky. Geol. Surv., and Prof. Chem. and Phys., Lexington. *Chem.** Ky.

PETERS, C. H. F., Clinton. *Ast.** N.Y.

PETERS, THOMAS M., A.M., Ex-Judge, Moulton. *Bot.* Ala.

PETICOLAS, C. L., 635 8th St., Richmond. *Mic., Diatomaceæ.* C. Ex.* Va.

PETRAEUS, C. V., 113 Walnut St., Philadelphia. *Chem.* Penn.

PETTEE, WILLIAM H., Prof. Min., Econom. Geol. and Mining Engineering Univ. Mich., Ann Arbor. *Mining and Geol.** Mich.

PETTIGREW, GEORGE A., Ludlow. *Min., Con.* C. Ex.* Vt.

PETTINGELL, A., Hudson. *Coleopt., Land Shells.* C. Ex. Ohio.

PETTET, J., A.M., M.D., Pettet Animal Vaccine Farm, Mayfield St., Cleveland.* Ohio.

PHARES, DAVID L., M.D., Agricultural Coll., Oktibbeha Co. *Gen. Bot., Geol., Chem., Mic., Tax., Ent., Arch.* C. Ex. in Botany.* Miss.

PHELPS, ALBERT H., West Pawlet. *Min., Palæo., Gen. Nat. Hist.* Importer of Foreign specimens. Special attention to specimens received on commission. Vt. minerals in ex. for Paleozoic fossils, also foreign spec. in ex. for rare American in all branches. Coll. 40,000 spec. C. Ex.* Vt.

PHELPS, Mrs. A. LINCOLN, 363 Eutaw Place, Baltimore. *Bot., Chem., Educational Essays, etc.** Md.

PHELPS, Prof. E., Hanover. *Microscopy.* N.H.

PHELPS, N. S., Ferndale, Humboldt Co. *Bot.* C. Ex. No. Cal. plants. Cal.

PHILIPS, G. M., Prin. State Normal School, West Chester, Chester Co. *Math., Ast., Min.* C. Ex.* Penn.

PHILLIPS, ANDREW, Ph.D., Asst. Prof. Math., Yale Coll., 120 High St., New Haven Conn.

PHILLIPS, BARNET, Sec'y Am. Fishcultural Assoc., 41 Troy Ave., Brooklyn. N.Y.

PHILLIPS, JOHN C., cor. Berkeley and Marlborough Sts., Boston. *Bot.* Mass.
PHILLIPS, T. S., German Inst. Building, Buffalo. *Preparations of Tooth Sections for Mic.* C. Ex.* N.Y.
PHILLIPS, WM. B., Asst. Geologist of N.C., Raleigh.* N.C.
PHIN, JOHN, 14 Dey St., New York. *Mic.** N.Y.
PHINNEY, ARTHUR J., M.D., Asst. State Geologist, Muncie, Delaware Co. *Bot., Geol., Min., Arch.* C. Ex.* Penn.
PHIPPEN, GEO. D., Salem. *Bot.** Mass.
PICKERING, E. C., Dir. Harvard Coll. Obs., Cambridge. *Ast.** Mass.
PICKERING, W. H., 84 Mt. Vernon St., Boston. *Phys., Ast., Photog.** Mass.
PIERCE, A. J., South Haven, Civil Engineer. *Arch., Geol.* Mich.
PIERCE, Mrs. E., Santa Barbara. *Con., Sea Mosses.** Cal.
PIERCE, ELLA V., Box 66, West Brookfield, Worcester Co. *Zool., Orn., Ool., Tax., Ent.* C. Ex.* Mass.
PIERCE, J., Box F. N., Providence. *Mic.* C. Ex. R.I.
PIERCE, J. O., Memphis. *Arch.** Tenn.
PIERCE, NEWTON B., Ludington, Mason Co. *Ent., especially Neuroptera.* Desires to obtain species of the genus Myrmeleon by ex. or otherwise. C.* Mich.
PIERSOL, G. A., 1110 Spring Garden St., Phila. *Mic.* C. Ex.* Penn.
PIERSON, A. A., Newton. *Orn., Ool., Ent.* C. Ex. N.J.
PIERSON, A. B., Gainesville, Alachua Co. *Orn., Ool.* C. Ex. Fla.
PIERSON, CHAS. S., L.B. 1133, West Meriden. *Coins.* C. Ex. Conn.
PIKE, CLARA M., Wheaton Seminary, Norton. *Bot., Chem.* C* Mass.
PIKE, J. W., Vineland. *Geol.* C. Lectures on Geol., Min., Palæo. N.J.
PIKE, NICOLAS, 575 Carlton Ave., Brooklyn. *Algæ, Mic., Photog., Arch.** N.Y.
PILATE, Dr. E., 14 S. Wilkenson St., Dayton. *Ent.: Lepid.* C. Ex.* Ohio.
PILATE, G. R., 14 S. Wilkenson St., Dayton. *Ent.: Lepid.* C. Ex.* Ohio.
PILLING, JAMES C., Box 585, Washington. *Eth., Geol.** D.C.
PILLSBURY, F. I., Dubuque. *Bot.* C. Ex. Ia.
PILLSBURY, J. H., Teacher Nat. Sci. High School, Springfield. *Zool., Mic., Bot.** Mass.
PILLSBURY, NELLIE S., Springfield. *Bot.* C. Ex.* Mass.
PINCKNEY, EUGENE, Dixon, Lee Co. *Bot., Zool., Mic.* C. Ex. Labels and cards for Mic. materials or mountings.* Ill.
PINE, GEO., Trenton. *Gen.* C. Ex.* N.J.
PINEO, A. J., A.B., Berwick, N.S. *Geol., Bot., Min., Con.* C. Ex. good minerals and fossils. Catalogue free.* Canada.
PIPER, Mrs. S. M., Brockton. *Geol., Ent., Bot.* Mass.
PIQUE, EDWARD H., M.D., Nashville. *Con.* C. Tenn.
PISTCHETT, C. W., Morrison Obs., Glasgow. *Ast.* Mo.
PITKIN, C. F., 721 Penn St., Kansas City. *Geol.* C. Ex.* Mo.
PITMAN, JOHN, Capt. U.S. Ordnance, Watertown Arsenal, Watertown. *Analyt. Chem.** Mass.
PITMAN, Prof. STEPHEN M., A.M.B., Tufts Coll., College Hill. *Chem.* Mass.
PLACE, WILLIAM FRANCIS, A.M., Milton, Rock Co. *Bot., Chem., Zool, Anth.** Wis.
PLANK, EDW. C., Oswego. *Orn., Ool., Tax.* C. Ex.* N.Y.
PLANK, E. N., Independence. *Bot.: Flora of So. Kans.* C. Will ex. or give any information possible. Kan.
PLATT, FRANKLIN, 615 Walnut St., Philadelphia. *Geol.** Penn.
PLATT, WILLIAM GREENOUGH, 615 Walnut St., Philadelphia. *Geol., Chem., Lithol.** Penn.

PLEAS, ELWOOD, Dunreith, Henry Co. *Geol., Palæo., Min., Arch.* C. Ex. **Ind.**

PLIMPTON, F. S., National City, San Diego Co. *Filices, Orn.** **Cal.**

PLUMMER, GORDON, 244 Purchase St., Boston. *Orn.* C. Ex. Only first-class specimens wanted. Correspondence solicited.* **Mass.**

POLGLASE, W. A., M.D., 842 Fort St., W. Detroit. *Mic.** **ich.**

POMEROY, C. R., Des Moines. *Geol.** **Ia.**

POND, F. E., Westfield Marquette Co. *Orn., Mic.* **Wis.**

DUPONT, FRANCIS G., Wilmington. *Elect., Ast.** **Del.**

POOL, ISAAC A., Escanala, Delta Co. *Ent., Min., Con.* C. Ex. Wishes Marine shells for those of Lake Superior Iron and Copper specimens.* **Mich.**

POOLE, H. S., Stellarton, Pictou Co., N.S. *Min.* **Canada.**

POOLEY, J. H., M.D., Prof. of Surgery Starling Med. Coll., 117 E. Broad St., Columbus. *Bot., Ent.* **Ohio.**

POPE, T. E., Ames. *Chem.** **Ia.**

POPENOE, EDWIN A., Prof. Bot. State Agric. Coll., Manhattan. *Phæn. Bot., Compositæ, Gramineæ, Geog. Dist., Ent.: Coleopt.** **Kan.**

POPENOE, F. O., Topeka. *Bot., Geol., Ast.* C.* **Kan.**

PORTER, C. H., A.M., M.D., 55 Eagle St., Albany. *Chem., Phys.** **N.Y.**

PORTER, C. J. A., A.B., Wooster. *Geol., Nat. Hist.* C. Ex.* **Ohio.**

PORTER, F. W., Grand Rapids *Arch.* **Mich.**

PORTER, JAMES A., Kemptville, Ont. *Bot., Orn.* **Canada.**

PORTER, J. B., Glendale, Hamilton Co. *Orn., Ool.** **Ohio.**

PORTER, THOS. C., Prof. of Bot. and Zool. Lafayette College, Easton. *Bot.* C. Ex. Introduced plants desired * **Penn.**

POTEAT, W. L., A.B., Asst. Prof. Nat. Sci. Wake Forest Coll., Wake Co. **N.C.**

POTTER, B. S., Prof. No. Missouri State Normal School, Kirksville. *Bot., Mic.* **Mo.**

POTTER, FREDERICK G., 47 W. 83d St., between 8th and 9th Avenues, New York. *Geol., Ent.* C. Ex.* **N.Y.**

POTTER, W. B., A.M., E.M., Prof. Mining and Met., Washington Univ., St. Louis. *Geol., Met.* C. Ex. minerals, ores, and fossils.* **Mo.**

POTTS, EDWARD, 612 N. 44th St., Philadelphia. *Mic., Bot.* Desires specimens of Am. F.W. sponges. C.* **Penn.**

POWELL, J. W., Ph.D., 910 M. St., N.W., Box 585, Washington. *Eth., Geol.** **D.C.**

POWELL, JOHN, Z., Ph.D., M.D., Box 1437, Logansport. *Bot., Chem., Mic., Anat.* C. Ex. **Ind.**

POWELL, Hon. SAMUEL, Newport. *Mic.* **R.I.**

POWER, FREDERICK B., Ph.D., Prof. Analyt. Chem. in the Phila. Coll. of Pharmacy, 145 N. 16th St, Philadelphia. *Phæn. Bot., Phys. and Chem. Geol., Min., Crystal. Chem., Phys., Elect., Mic.** **Penn.**

POWERS, Prof. JOHN, B.A., M.D., Halifax, N.S. *Bot., Zool.* **Canada.**

POWNALL, J. B., Berkeley, Alameda Co. *Coleopt.* C. Ex. **Cal.**

PRATT, STILLMAN B., Marlboro'. *Anth.** **Mass.**

PRATT, W. H., Davenport. *Con., Arch., Geol.** **Ia.**

PRAY, FANNIE MOTLEY, care B. S. Pray & Co., 80 State St., Boston. *Ferns.* C. Ex.* **Mass.**

PRENTICE, F. W., M.D., Champaign. *Anat., Physiol.* **Ill.**

PRENTISS, ALBERT N., Prof. Bot. Cornell Univ., Ithaca. *Bot.** **N.Y.**

PRENTISS, D. W., M.D., 1224 9th St., N.W., Washington. *Orn., Nat. Hist., Medicine.* C.* **D.C.**

PRESCOTT, A. B., Prof. Org. and App. Chem., Univ. of Mich., Ann Arbor. *Analyt. and Org. Chem.** **Mich.**

PRESCOTT, C. D., New Bedford. [In Europe.] *Mic.* **Mass.**

PRESCOTT, C. D., Rome. *Min.* C. **N.Y.**

PRESCOTT, RICHARD M E., Sanitary Engineer, High School, Albany. *Phys.** N.Y.

PRESTON, C. S., South Hadley. *Tax., Orn.* C. Ex. for birds not found in Mass. Mass.

PRESTON, H. L., 3331 Chestnut St., Philadelphia. *Min. Con.* Penn.

PRESTON, HOWARD W., 57 Parade St., Providence. *Phæn. Bot.* C. Ex.* R.I.

PRICE, CYRUS A., A.M., M.D., Logansport, Cass Co. *Crypt. Bot., Geol., Min., Mic., Gen. Biol., Anat.* C. Ex. Ill.

PRICE, GEORGE H., State Normal School, Florence *Nat. Sci.* Ala.

PRICE, Prof. GEORGE H., Acad. for Young Ladies, Nashville. *Chem.* Ex. Tenn.

PRICE, KATE, Carpentersville. *Zool., Biol. in general.** Ill.

PRIDE, A., Toronto. *Zool.* Canada.

PRIME, FREDERICK, 230 S. 3d St., Philadelphia. *Geol.* Penn.

PRIME, HENRY, Riverdale Station, New York *Geog. Dist., Land Moll.** N.Y.

PRIME, TEMPLE, 26 Broad St., New York. *Con.** N.Y.

PRINDLE, BEULAH, Denmark, Lewis Co. *Palæo.* N.Y.

PRINDLE, M. S., Tucson. *Fossil flora of Grundy Co. (Mazon Creek), Coal Measures.* C. Ex. Crystals, Quartz, Agate, and minerals wanted in ex. for Mazon fossils * Ariz.

PRINGLE, C. G., A.M., East Charlotte. *Bot., esp flora of Ariz., etc* C Ex. Plants of the northeast and of the southwest for sale, or ex for specimens of equally good quality.* Vt.

PRIOR, CALLA L., Princeton, Bureau Co. *Bot.* C.* Ill.

PRITCHETT, C. W., Dir. Morrison Observatory, Glasgow. Mo.

PRITCHETT, H. S., Dir. Obs., Washington Univ., St. Louis *Math, Ast.** Mo.

PROCHAZKA, G. A., Ph.D., 162 Second Ave, New York. *Chem.** N.Y.

PROCTER, JOHN R., State Geologist, Frankfort. *Geol.* Ex.* Ky.

PROCTOR, THOMAS, 74 Wall St. *Orn.** N.Y.

PROUDFIT, S. V., Pension Office, Washington. *Arch.** D.C.

PROUTY, IRA J., M.D., Keene. *Orn., Min.* C. Ex.* N.H.

PROVANCHER, L'Abbé, Caprouge. *Gen. Nat Hist., Eth., Bot.* C. Ex.* Canada.

PRUYN, FRANCIS I. N., Cambridge, Washington Co. *Bot., Con.* C. Ex N.Y.

PUISSANT, P. A., Prof St. Joseph's Prov. Sem., Troy. *Phæn. Bot.* C.* N.Y.

PULSIFER, W. H., 1837 Kennett Place, St. Louis. *Ast., Arch.** Mo.

PUMPELLY, RAPHAEL, Dir. Northern Transcontinental Survey, Newport. *Geol.* C.* R.I.

PURDIE, H. A., State House, Boston. *Orn., Ool.* C. Ex.* Mass.

PURDY, M. S., B.S., Morrison *Bot., Mic.* C.* Ill.

PURINTON, GEO. D., Prof. Chem. and Phys., Furman Univ., Greenville. *Bot., Palæo., Geol, Min., Chem., Phys., Zool., Anth.* C. Ex.* S.C.

PURRINGTON, CHARLES, Pequabuck, Litchfield Co. *Chem., Min.* C. Ex. Conn.

PURVIANCE, AMOS T., Hennepin, Putnam Co. *Trees, shrubs, etc.* C. Ex.* Ill.

PUTNAM, DANIEL, State Normal School, Ypsilanti *Zool., esp. Ent* C. Ex.* Mich.

PUTNAM, Mrs. DORA L., Dodge's Corners, Waukesha Co *Bot., Geol., Ent.* C. Ex. Wis.

PUTNAM, F. W., Curator Peabody Mus. Am. Arch and Eth., Cambridge, Permanent Secretary American Association Advancement Science. (Office, Salem.) *Anth.** Mass.

PUTNAM, J. R., Portland Block, Chicago. *Min.* C. Ex.* Ill.
PUTNAM-CRAMER, A. W., 360 4th Ave., New York. *Ent., Lepid.* C. Ex.* N.Y.
PYNCHON, T. R., D.D., LL.D., Pres. Trinity Coll., Hartford. *Zool.* Conn.

Q.

QUACKENBUSH, M. E., Morrison. *Bot., Phys., Specialty, Flowers of Nebraska.* Ill.
QUALTROUGH, EDW. F., Naval Observatory, Washington. *Ast.** D.C.
QUICK, EDGAR R., Brookville. *Mam., Orn., Eth.* C. Ex.* Ind.
QUIMBY, E. T., Prof. Math., Hanover. Engaged in U.S. Geodetic Survey.* N.H.

R.

RAFTER, GEORGE W., C.E., Rochester. *Geol., Min., Metallurgy.* N.Y.
RAGSDALE, D. F., Gainesville. *Orn., Ool.* Texas.
RAGSDALE, GEORGE H., Gainesville, Cook Co. *Orn., Ool., Geol.* C. Ex. Texas.
RAINEY, WILLIAM T., 1477 Euclid Ave., Cleveland. *Min., Orn., Ool., Tax.* C. Ex. eggs, bird-skins, and mounted birds for same.* Ohio.
RAINS, GEORGE W., M.D., Prof. Chem. and Pharm., Univ. of Ga. Ga.
RAKESTRAW, G G., Downington. *Min., Mic.* C. Ex.* Penn.
RAKESTRAW, H. H., Box 230, Middletown, Dauphin Co. *Min., Geol.* C. Ex. *Hematite from Island of Elba.** Penn.
RALPH, W. L., M.D., 26 Court St., Utica. *Orn., Ool* C. Ex.* N.Y.
RALPHY, ALFRED J., M.D., Nashville, Brown Co. *Ent* C. Ex.* Ind.
RALSTON, ANNA L., Norristown. *Crypt. Bot* C. Ex Penn.
RAMSBUY, W. C., Westville. *Arch., Orn.* Desires correspondence from all active collectors. Will ex. duplicates and collect on salary or commission.* Ind.
RAND, A. J., Holyoke. *Zool.* C. Ex.* Mass.
RAND, THEO D., 17 So. 3d St., Philadelphia. *Min.* C. Ex.* Penn.
RANDALL, F. A., D.R., Corry. *Struct. Geol., Palæo., Shells, Radiates.* C Ex * Penn.
RANDALL, O E., West Chesterfield. *Osteol., Biol., Zool., Bot.** N.H.
RANSBURG, WARREN C., Valparaiso. *Eth., Orn.* C. Would like correspondence in regard to ethnological spec. Ind
RASSWEILER, HENRY H., Prof. of Nat. Sci., North Western Coll., Naperville, Du Page Co *Ent., Min.* C. Ex.* Ill.
RATHBUN, FRANK R., Auburn, Cayuga Co. *Orn., Geol., Gen. Nat Hist., Bibliog.* Will ex. publications.* N.Y.
RATHBUN, RICHARD, Cur. U.S Nat. Mus., Asst. U.S. Fish Comm., Smithsonian Inst., Washington. *Marine Invertebrates, Brazilian Palæo.** D.C.
RATHBUN, SAMUEL F., 9 Court St., Auburn. *Orn., Ool., Tax.* C. Ex. Sets of eggs of birds of prey especially desired.* N.Y.
RATHVON, S. S., 101 N. Queen St., Lancaster. *Gen. Nat. Hist., especially Ent.** Penn.
RATTAN, VOLNEY, Girls' High School, San Francisco. *Phæn. Bot.* C. Atlantic coast plants particularly desired in ex. for Cal.* Cal.
RATTLE, W. J., Cuyahoga Falls, Summit Co. *Mic., Analyt. Chem.** Ohio.
RATTRAY, Rev. B. FRANKLIN, Stillwater. *Mosses, Geol., Min., Crystal., Met., Arch.* C. Ex.* Minn.

RAU, CHARLES, Ph.D., Cur. Dept. of Antiquities, U.S. Nat. Museum, Washington.* D.C.

RAU, EUGENE A., Bethlehem. *Phæn. Bot., Musci.* C.* Penn.

RAUSEN, F. L., Taxidermist, Colorado Springs. *Orn., Geol., Arch.* C. Ex. Col.

RAUTERBERG, F., 264 7th St., Milwaukee. *Coleoptera of U.S.* Ex. Wis.

RAVENEL, H. W., Aiken. *Bot.: Mycology.* C. S.C.

RAY, ALICE, El Paso. *Lepid.* C. Ex. Ill.

RAY, SALOME, Rossville. *Orn.* Ill.

RAYMOND, CHAS. F., 739 Republic St., Cleveland. *Ool.* C. Ex.* Ohio.

RAYMOND, WILLIAM J., Box 193, Oakland, Alameda Co. *Moll.* C. Ex.* Cal.

READ, MATTHEW C., A.M., Hudson. *Geol., Zool., Arch.* C. Ex. Ohio fossils and minerals for others.* Ohio.

READ, SAMUEL B., Jamaica Plain. *Bot.* C. Ex. Mass.

READ, W. H. A., 9 Hartford Block, Toledo. *Coleopt.** Ohio.

READIO, WILLIAM, Garnerville, Rockland Co *Nat. Hist., Mic.* C. Ex. N.Y.

READY, GEO. H., Santa Cruz. *Ool.* C. Ex. Cal.

REAMER, WILLIAM D., Greensburg, Westmoreland Co. *Min.* C. Ex.* Penn.

REBASY, W. M., Rochester. *Ast.* N.Y.

REDDING, T. B., A.M., Ph.D., Newcastle. *Mic., Biol.* C. Ex.* Ind.

REDFIELD, JOHN H., 216 W. Logan Square, Philadelphia. *Bot., Ferns.* C.* Penn.

REED, CHARLES K., Worcester. *Orn., Tax.* C. Ex. Birds of New Eng. for those of other localities. Correspondence solicited. Mass.

REED, E. B., Asst. Editor Canadian Entomologist, London, Ont. *Ent.* Canada.

REED, J. EDWARD, Wright's Station, So. Pacific Coast R.R., Santa Clara Co. *Assaying, Min., Filices.* C. Ex. Cal. ferns for those of other localities.* Cal.

REED, JAMES F., Carrollton, Hancock Co. *Agric., Geol., Elect., Zool., Ent.* C. Ex.* Ind.

REED, W. H., Kansas City. *Upper local series.* C. Ex.* Mo.

REED, W. H., Como. *Geol., Min., Palæo., Cretaceous Fossils.* C. Ex. *Triassic and Jurassic fossils for ex.* Wyoming.

REES, J. K., Dir. of Observatory, Columbia College, New York. *Ast., Geodesy.* N.Y.

REGAL, EDWIN, Oberlin. *Ent.* C. Ex. Ohio.

REHME, JOHN E., Connersville. *Orn., Ool., Lepid., Coleopt.* C. Ex.* Ind.

REICHARD, JOHN, 94 Cedar Ave., New Haven. *Lepid.* Conn.

REIFF, ISAAC, 853 N. 13th St., Philadelphia. *Orn., Ool.* C. Ex.* Penn.

REILEY, EDWARD A., M.D., New Brunswick. *Geol., Min., Mic.* C. Ex.* N.J.

REINECKE, OTTOMAR, 500 Main St., Buffalo. *Coleopt.* C. Ex. local Cerambycidæ for others.* N.Y.

REINHOLD, ELI S., Mahonoy City. *Min.* C. Fossils from Coal measures in ex. for minerals.* Penn.

REINHOLD, WILLIAM, M.D., 146 N. Clark St., Chicago. *Zool., Orn.* C.* Ill.

REINMANN, ALBERT L., 96 Fulton St., Room 9, New York. *Chem., Phys. and Elect. Glass apparatus.* N.Y.

REISIG, AUGUSTUS C., 391 Conti St., New Orleans. *Coleopt.* C. Ex.* *Cicindelidæ, Carabeidæ,* preferred.* La.

REMAGE, GEORGE W., M.D., Coleta, Whitesides Co. *Geol., Zool.* C. Ex. Ill.

REMINGTON, Prof. J. P., Phila. Coll. of Pharmacy, Philadelphia. *Pharmacy, Chem.* C.* **Penn.**

REMSEN, IRA, Prof. Chem., Johns Hopkins Univ., Baltimore. *Chem.** **Md.**

RENICK & MAXWELL, 133 Mayberry Ave., Detroit. *Orn., Ool. Birds' eggs and skins.* C. Ex.* **Mich.**

RENWICK, EDWARD A., Room 66, Major Block, Chicago. *Phæn. Bot., Diatoms, Desmids, Mic., Ichth., Ent.: Lepid.** **Ill.**

REPPERT, FERDINAND, Muscatine. *Bot.* Ex. **Ia.**

RESLER, ARTHUR, Prof. Music, 92 Jackson Square, Baltimore. *Gen. Biol., Ent.** **Md.**

REVERCHON, JULIEN, Dallas. *Bot.* C. Ex.* **Texas.**

REX, GEORGE A., M.D., 2118 Pine St., Philadelphia. *Crypt. Bot., Fungi, Mic.* C.* **Penn.**

REYNOLDS, ALEX. M., Main St., Germantown. *Orn.* **Penn.**

REYNOLDS, ARTHUR T., Canton, Oxford Co. *Min., Geol.* C. Ex.* **Me.**

REYNOLDS, Miss MARY C., St. Augustine. Collector of Florida plants for the herbarium and for cultivation. C.* **Fla.**

REYNOLDS, R. N., Detroit. *Mic.** **Mich.**

REZNER, W. B., M.D., 306 Euclid Ave., Cleveland. *Gen. Biol., Medical Microscopy.* **Ohio.**

RHOADES, Mrs. M. A., Clyde, Sandusky Co. *Geol., Nat. Hist.* C. Ex. fossils, minerals, etc., for rare spec.* **Ohio.**

RHOADS, JOSEPH, Jr., A.B., Instructor Nat. Hist., Cur. Mus., Haverford College. **Penn.**

RHOADS, SAMUEL N., Haddonfield. *Orn., Ool.* C. Ex.* **N.J.**

RICE, C. S., Niagara Falls. *The game fish of Niagara.* **N.Y.**

RICE, HENRY J., D.Sc., Prof. Nat. Sci., Mich. Mil. Acad., Orchard Lake. *Gen. Biol., Emb.* (Address Cazenovia, N.Y.)* **Mich.**

RICE, JOHN MINOT, Prof. Math., U.S. Naval Acad., Annapolis. *Mathematics.** **Md.**

RICE, WILLIAM NORTH, Prof. Nat. Hist., Wesleyan Univ., Middletown. *Geol., Zool.* C. Ex.* **Conn.**

RICH, GUY C., Box 372, Saratoga Springs. *Orn., Ool., Tax.* C. Ex.* **N.Y.**

RICH, WALDO L., Box 372, Saratoga Springs. *Orn., Ool.*, C. Ex. **N.Y.**

RICH, WILLIAM P., 3 N. Market St., Boston. *Bot.** **Mass.**

RICHARD, JOHN, 94 Cedar Ave., New Haven. *Lepid.* C. Ex.* **Conn.**

RICHARDS, DANIEL, M.D., Marion, Wayne Co. *Phæn. Bot., Desmids, Mic.* C. Ex.* **N.Y.**

RICHARDS, E. H., Woburn. *Orn., Ool., Ent.* C. Ex.* **Mass.**

RICHARDS, Miss ELLEN H., Instructor Chem. and Min., Mass Inst. Tech., Boston. **Mass.**

RICHARDS, EUGENE L., Asst. Prof. Math., Yale Coll., 135 College St., New Haven. **Conn.**

RICHARDS, Mrs. P. D., West Medford. *Bot., Ferns.* C. Ex.* **Mass.**

RICHARDS, PERCIVAL D., West Medford. *Elect. Magnetism.** **Mass.**

RICHARDS, R. H., Prof. Mining, Mass. Inst. Tech. *Min.* C.* **Mass.**

RICHARDS, Mrs. R. H., Mass. Inst. Tech., Boston. *Min.* C. Ex. **Mass.**

RICHARDSON, C. A., Canandaigua. *Bot.** **N.Y.**

RICHARDSON, E., Wheeling. *Bot.** **W.Va.**

RICHARDSON, F. C. A., M.D., East St. Louis, St. Clair Co. *Arch.* C. Ex. fossils for Arch. spec. and books. **Ill.**

RICHARDSON, H. S., 607 Main St., Cambridgeport. *Bot., Con.* C. **Mass.**

RICHARDSON, JENNESS, Rutland. *Tax., Ool.* C. Ex.* **Vt.**

RICHARDSON, J. G., M.D., Prof. Univ. of Penn., 3238 Chestnut St., Philadelphia. *Hygiene, Mic., Histol of Vert.* C.* **Penn.**

RICHARDSON, Mrs. MARY H., 659 Hanover St., Milwaukee. *Bot.** **Wis.**

RICHARDSON, M. J., Stoneham. *Min.* C. Ex. **Mass.**

RICHMOND, A. G., Canajoharie, Montgomery Co. *Arch.* C. Ex. Indian pottery, arrow heads, etc , for same from other localities.* **N.Y.**

RICHMOND, Col. M. S., Grand Rapids. *Orn.** **Mich.**

RICHTER, FRANK C., Ashbourne, Montgomery Co. *Coleopt., Lepid.* C. Ex.* **Penn.**

RICKER, EVERETT W., 12 Harris Ave., Jamaica Plain. *Orn., Ool.* C. Ex.* **Mass.**

RICKETTS, P. de P., E.M., Ph.D., School of Mines, Columbia Coll., N. Y., also Ledoux & Ricketts, 10 Cedar St., New York. *Chem., Assaying, Min.** **N.Y.**

RICKSECKER, EDMUND, Nazareth. *Ool.* C. Ex. **Penn.**

RICKSECKER, L. E., Sylvania, Occidental P.O., Sonoma Co. *Coleopt.* Cal. and Wash. Ter. spec. for sale and exchange.* **Cal.**

RIDDELL, W. R., B.A., B.Sc., F.B.S., Toronto. *Bot., Geol.* C. **Canada.**

RIDER, WHEELOCK, 60 Fitzhugh St., Rochester. *Bot.** **N.Y.**

RIDGWAY, ROBERT, Cur. Dept. Birds, U.S. Nat. Mus., Smithsonian Inst., Washington. *Orn.** **D.C.**

RIDLER, C. E., A.M., Kingston. *Bot., Mic.* C. Ex.* **Mass.**

RIEPE, WILLIAM, 403 W. 2d St., Davenport. *Palæography.** **Ia.**

RISLEY, F. S., Royallieu, Orange Co. *Tax.* Ex. Land and F. W. shells, also Marine and Indian relics for same, and books on Con., Orn., and Arch. C. in the above, also Ool.* **Fla.**

RILEY, C. V., M.A., Ph.D., Chief U.S. Entom. Commission, U.S. Entomologist (Dept. of Agriculture), Curator of Insects., U.S. National Museum. Residence, 1700 13th St., N.W., Washington. *Articulates, General and Economic Ent., Bot.* Desires Diptera, Homoptera, Galls, and gall-insects of all orders; also larvæ of all orders; exchanges for specimens in Meloidæ, Coccidæ, Psyllidæ, Tingidæ, and Aleurodidæ.* **D.C.**

RINEDOLLAR, N., M.D., Mt. Carroll. *Geol., Min., Palæo.* C. Ex. fossil ferns and corals.* **Ill.**

RINGUEBERG, E. N. S., Lockport. *Palæo., Arch., Niag. period fossils.* C. Ex.* **N.Y.**

RISING, WILLARD B., Ph.D., Prof. Chem., Univ. of Cal., Berkeley. **Cal.**

RITCHIE, JOHN, Jr., Box 2725, Boston, Cor. Sec. Boston Scientific Society; Editor Science Observer. *Min., Geol., Con., Ast.* C. Ex. Desires minerals, fossils, and shells from all parts of the world. Can offer minerals from all the noted localities in New England,—Fitchburg, Bolton, Chester, Chesterfield, Grafton, Warren, etc. Fossils from the Cincinnati and Niagara groups, L., F. W. and M. shells from New England. Helices and Unionidæ a specialty.* **Mass.**

RITZMAN, OTTO, M.D., 200 Lark St., Albany. *Mic., Histological Sections.* C. Ex. **N.Y.**

RIVERS, J. J., Curator of Organic Natural History, University of California, Berkely, Alameda Co. *Ent.: West Coast species of Reptilia, Coleopt., and Lepid.** **Cal.**

ROACH, PAUL, M.D., Quaker St., Schenectady. *Min., Mic.* C. Ex.* **N.Y.**

ROBARTS, JOHN O. K., Phœnixville, Chester Co. *Min.* C. Ex. **Penn.**

ROBBINS, W. K., B.Sc., Amoskeag Corp., Manchester. *Chem.* **N.H.**

ROBERTS, C. H., Rochester. *Bot., Geol., Chem.** **Minn.**

ROBERTS, Prof. G. S., E.M., C.E., 88 Union Ave., Brooklyn, E.D. *Geol., Min.** **N.Y.**

ROBERTS, Mrs. M. A., Rochester. *Phys., Zool.** **Minn.**

ROBERTS, Miss MARY E., Caledonia, Livingstone Co. *Geol., Min., Ent.* C. Ex.* **N.Y.**

ROBERTS, M. JOSIAH, M.D., 4 W. 28th St., New York. *Anth.* **N.Y.**

ROBERTS, S. RAYMOND, Recorder Con. Section, Acad. Nat. Sci., 421 N. 6th St., Philadelphia. *Mollusks, Cypræadæ.* C.* **Penn.**

ROBERTS, THOMAS S., 27 N. 8th St., Minneapolis. *Orn., Bot., Ichth.** **Minn.**

ROBERTS, WILLIAM F., Hazleton, Luzerne Co. *Geol.* **Penn.**

ROBERTSON, CHARLES, Carlinville. *Bot.* **Ill.**

ROBERTSON, JAMES A., Augusta, Hancock Co. *Min.* C. Ex.* **Ill.**

ROBERTSON, R. S., Fort Wayne, Allen Co. *Arch., Min.* C.* **Ind.**

ROBINSON, A. R., A.B., Hinsdale, Du Page Co. *Gen. Ent.* C. Ex. **Ill.**

ROBINSON, CHARLES, Cheshire, Ont. Co. *Tax., Ool.** **N.Y.**

ROBINSON, Rev. EDW. S., Enterprise, Clark Co. *Bot., Geol.* C.* **Miss.**

ROBINSON, JOHN, Treas. Peabody Academy of Sciences, Salem. *Bot.** **Mass.**

ROBINSON, J. R., Providence. *Geol., Min.* C. Ex. **R.I.**

ROBINSON, THOMAS, Prof. Physics and Chem., Howard Univ., Washington. *Elect., Mic., Photog., Meteo., Ast.** **D.C.**

ROCKEY, A. E., M.D., Iowa City. *Histol. and Pathol.** **Ia.**

ROCKWELL, CHARLES H., Tarrytown, West Chester Co. *Ast., Math.* (Double stars.)* **N.Y.**

ROCKWELL, GEORGE T., 227 East North St., Kalamazoo. *Min., Arch., Palæo., Numis., Philately and Gen. curiosities.* C. Ex.* **Mich.**

ROCKWOOD, CHARLES G., Jr., Prof. Math., Coll. of N.J., Princeton. *Meteo., Seismology.** **N.J.**

ROE, J. O,, M.D., 17 N. Clinton St., Rochester. *Laryngology.** **N.Y.**

ROE, U. C., M.D., Franklin Grove, Lee Co. *Eth.* C. Ex. **Ill.**

ROEBLING, W. A., C.E., 110 Columbia Heights, Brooklyn. *Min.* C. Ex. **N.Y.**

ROEDER, CONRAD, 2821 Thomas St., St. Louis. *Arch.** **Mo.**

ROESLER, F. E., 2304 Summer St., St. Louis. *Arch.** **Mo.**

ROGERS, DAVID D., C.E., Daytona, Volusia Co. *Nat. Hist.* C. **Fla.**

ROGERS, J. E., Maryville Coll., Maryville. *Geol., Min., Palæo., Mic., Mam., Reptiles.* C. Ex. **Tenn.**

ROGERS, MACLEOD, Newburgh. *Ent., Coleopt., Lepid.* C. Ex.* **N.Y.**

ROGERS, R. E., M.D., Prof. Chem., Jeff. Med. Coll., 1004 Walnut St., Philadelphia. *Chem.** **Penn.**

ROGERS, Prof. W. A., Cambridge. *Mic.* **Mass.**

ROHMER, F. J. B., M.D., Springhill College, near Mobile. *Bot.* **Ala.**

ROLFE, C. W., Ill. Univ., Urbana. **Ill.**

ROLFE, GEORGE W., 405 Broadway, Cambridgeport. *Chem., Elect., Min.** **Mass.**

ROLFE, W. J., Assoc. Editor Boston Journal Chem., 405 Broadway, Cambridgeport. *Chem., Phys., Sci.** **Mass.**

ROMINGER, CHARLES, State Geologist of Michigan, Ann Arbor. **Mich.**

ROMMEL, E., Suspension Bridge. *Ent.* C. Ex.* **N.Y.**

RONEY, Prof. H. B., East Saginaw.* **Mich.**

ROOD, OGDEN N., A.M., Prof. Mech. and Phys., Columbia Coll., New York. **N.Y.**

ROOP, Prof. B., Woodward Gardens, San Francisco. *Zool.* **Cal.**

ROOP, C., Prof. Oregon Mus., Portland. *General collection in all departments.* C. Ex. for Eastern or European species. Especial attention to rare local and foreign spec.* **Ore.**

ROOSEVELT, T., 6 W. 57th St., New York. *Mam.* C. Ex. Desires shrews and field mice.* **N.Y.**

ROOT, CHARLES G., Waterbury. *Min., Geol., Sociology.* **Conn.**

ROOT, Mrs. E. H., M.D., De Kalb. *Gen. and Mic. Correspondence.** **Ill.**

ROOT, OREN, LL.D., Emer. Prof. Math., Min., and Geol., Hamilton Coll., Clinton. **N.Y.**

ROPER, E. W., Revere. *Con.* C. Ex.* **Mass.**

ROSAMOND, W. B., M.D., Milnersville, Guernsey Co. *Geol., Min., Crystal., Palæo., Arch., Vert.* C. Ex.* **Ohio.**

ROSE, D. L., Mankato. *Orn., Bot.* C. Ex.* **Minn.**
ROSE, JOHN F., M.D., Oxford, Chester Co. *Geol., Min.* C. Ex. Penn. minerals.* **Penn.**
ROSKRUGL, GEORGE J., Tucson. *Min.* C. Ex. **Ariz.**
ROSS, ALEX. MILTON, M.D., Montreal. *Nat. Hist.* Spec. Fresh Water Fishes and Reptiles of Canada. **Canada.**
ROSS, ALFRED M., Market Sq., Chicopee. *Mic., Osteol., History of Vert.* C.* **Mass.**
ROSS, C. O., Breckenridge, Sangamon Co. *Coleopt., Mic.* Ex. **Ill.**
ROSS, FRANK W., 321 Orchard St., Elmira. *Geol., Nat. Hist.* C. Ex. geol. spec. of Chemung Co.* **N.Y.**
ROTE, A. F., Neenah. *Bot.: Phæn.* C. Ex.* **Wis.**
ROTHROCK, J. T., M.D., Prof. of Bot., Univ. of Penn., Philadelphia, West Chester. *Bot.** **Penn.**
ROTHWELL, J. E., 109 Arch St., Boston. *Orn.* C. Ex.* **Mass.**
ROTHWELL, R. P., Editor of Engineering and Mining Journal, 37 Park Place, New York. *Mining, Min.* C. Ex. **N.Y.**
ROUNDS, Mrs. H. B., Box 876, Dover. *Geol., Min., Con., Mosses.* C. Ex. **N.H.**
ROWE, R., St. John, N. B. *Orn., Ool.** **Canada.**
ROWELL, FRANK B., C.E., Lynn. *Min., Lithol.* C. Ex.* **Mass.**
ROWLAND, HENRY A., Prof. Physics, Johns Hopkins Univ., Baltimore.* **Md.**
ROY, Mrs. JESSIE D., Royston Park, Owen Sound, Ont. *Phæn. Bot., Mosses, Ferns, Fungi, Lichens, Hepaticæ, Algæ.* C. Can. and Brit. mosses in ex. for Atlantic coast mosses and algæ.* **Canada.**
RUARK, R. N., Greenfield. *Palæo., Min.* C. Ex. **Ky.**
RUCKER, P. H., Liter, Morgan Co. *Nat. Hist., Ent.* C. Ex. Ill. spec. for others.* **Ill.**
RUDKIN, WILLIAM H., 74 William St., New York. *Bot.* C.* **N.Y.**
RUGGLES, BYRON P., Hartland, Windsor Co. *Moll., Ent., Bot., Ool.* C. Ex. L. and F. W. shells.* **Vt.**
RUMNEY, FRANK, No. Stoughton. *Nat. Hist., Orn.* Ex.* **Mass.**
RUNDSTRÖM, JOHN, M.D., Lindsborg, McPherson Co. *Bot.* C. Ex.* **Kan.**
RUNGE, CARL, L. B. 88, San Antonio. *Botanist and Florist.* C. Ex. Cactaceæ and Yuccaceæ.* **Texas.**
RUPP, WILLIAM, 117 Pearl St., Hanover Sq., New York. *Analyt. and Consulting Chem., Agric. Chem., Min.* C. Ex.* **N.Y.**
RUSBY, GEORGE L., Franklin, Essex Co. *Orn., Ool.* C. Ex.* **N.Y.**
RUSSEL, E. C., White Hall. *Orn., Ool.** **Montana.**
RUSSEL, HATTIE, Grassy Cove. *Min., Bot.** **Tenn.**
RUSSELL, BARRETT B., State Normal School, Bridgewater. *Ent.* C. **Mass.**
RUSSELL, I. C., U.S. Geol. Surv., Salt Lake City. *Geol., Palæo.* **Utah.**
RUSSELL, JOHN H., B.L., San Jose, Santa Clara Co. *Con.* **Cal.**
RUSSELL, L. W., Pres. Franklin Soc., Providence. **R.I.**
RUST, A. D., Ennis. *Lepid., Coleopt., Cret. and Carb. Fossils of Texas.* Correspondence solicited. C. Ex.* **Texas.**
RUST, HORATIO N., Pasadena, Los Angeles Co. *Arch.* C. Ex.* **Cal.**
RUST, MARY O., Pres. Syr. Bot. Club, 112 E. Genesee St., Syracuse. *Crypt. Bot.* C. Ex. **N.Y.**
RYDER, JOHN A., Acad. Nat. Sci., Philadelphia. *Embryology.* **Penn.**

S.

SABIN, A. H., Prof. Chem. and Physics, Univ. Vt., Burlington. *Chem.* **Vt.**
SABINE, THOMAS T., M.D., Prof. Anat., Columbia Coll., New York. **N.Y.**
SACHS, HERMAN, 432 Garden St., Hoboken. *Lepid., Coleopt.* C.* **N.J.**
SADTLER, Prof. SAMUEL P., Univ. of Penn., West Chester. **Penn.**
SAFFORD, JAMES M., M.D., Ph.D., State Geologist, Prof. Vanderbilt Univ., Nashville. *Nat. Hist., Geol., Chem.* C. Ex.* **Tenn.**
SAFFORD, TRUMAN H., Ph.D., Prof. Ast., Williams Coll., Williamstown. **Mass.**
SAGE, JNO. H., Portland. *Orn.* C. Ex.* **Conn.**
SALISBURY, CHAS. M., 43 N. Main St., Providence. *Geol., Min. Con., Woods and Curiosities.* C. Ex.* **R.I.**
SALISBURY, JAS. II., M.D., Cleveland. *Mic., Med., Crypt. Bot., Geol.* C. Ex. **Ohio.**
SALISBURY, STEPHEN, Jr., Worcester. *Arch., Eth.* C. Ex. **Mass.**
SALTZWEDEL, HENRY, M.D., 58 Union Ave., Brooklyn, E.D. *Mic., Ent.* C. Ex. **N.Y.**
SAMPSON, F. A., Sedalia. *Palæo., Con., Testudinata.* C. Cretaceous fossils of Texas, turtles of Mo. for ex.* **Mo.**
SAMPSON, IRA B., 157 Lancaster St., Albany. *N. A. Sylva, Coll. of wood, bark, fruit, flowers, and leaves.* Ex.* **N.Y.**
SAMPSON, MARY C., 157 Lancaster St., Albany. *Bot.: Ferns, Mosses.* C. Ex. **N.Y.**
SAMUEL, F., Box 621, Auburn. *Orn., Ool.,* C. Ex. **N.Y.**
SAMUELS, EDW. A., 25 Congress St., Boston. *Orn., Ool.** **Mass.**
SANBORN, FRANCIS G., Consulting Naturalist, Worcester. *Biol., Ent.** **Mass.**
SANDERSON, C. H. K., Prin. High School, Box 535, Greenfield. *Bot.* C. Ex.* **Mass.**
SANDERSON, Rev. GEORGE E., Ferris, Hancock Co. *Geol., Eth.* C. **Ill.**
SANDERSON, R. C., City Supt. of Schools, Burlington. *Geol.* C. Ex. **Ia.**
SANFORD, JAMES A., 289 Summit St., Toledo. *Bot. Ex. Phænogams and Fungi.** **Ohio.**
SANFORD, O. N., C.E., San Diego. *Gen. Nat. Hist.* (local). Ex. in Coleopt. and Con. (general).* **Cal.**
SANGSTER, J. H., A.M., M.D., Port Perry. *Ent., Bot.** **Canada.**
SARGENT, CHAS. S., Prof. Arboriculture, H.C., Director Arnold Arboratum, Brookline. *Bot.** **Mass.**
SARGENT, F. L., care B. S. Pray, 80 State St., Boston. *Mic., Ent., Bot., Specialty Grasses and Ferns.* C. Ex.* **Mass.**
SARGENT, PORTER, Merrimac. *Geol.* C. Ex.* **Mass.**
SATTERTHWAITE, THOS. E., M.D., 50 E. 31st St., New York. *Mic.** **N.Y.**
SAUL, SARA, Jamestown, Boulder Co. *Ent. Lepid.* C.* **Col.**
SAUNDERS, ERNEST C., Prof. of Bot., 11 Baile St., Montreal. *Bot.: Medicinal Plants.* C. **Canada.**
SAUNDERS, M. L., M.D., Thomson, Carroll Co. *Indian Relics, Numismatics.* C. Ex.* **Ill.**
SAUNDERS, ORLANDO, 41 East St., Pawtucket. *Orn.* C. **R.I.**
SAUNDERS, W. E., London, Ont. (At present 225 North 12th St., Philadelphia, Penn.) *Orn., Ool.* C. Ex.* **Canada.**
SAUNDERS, WM. II, A.M., M.D., Kenosha. *Chem., Min.* C.* **Wis.**
SAVAGE, HENRY, 431 Beacon St., Boston. *Ent.: Coleopt.* C. Ex.* **Mass.**
SAWYER, GEO. F., A.B., Belleville. *Invert. Palæo., Min.* C. Ex. **N.Y.**
SAWYER, Prof. HENRY E., State Normal School, New Britain. *Bot., Geol., Chem., Physics.** **Conn.**
SAWYER, LOUIS J., East Templeton. *Bot., Spec. Ferns.* C. Ex.* **Mass.**

SAYLER, M., Ladoga. *Bot., Palæo., Articulates, Mollusks, Radiates, Sponges, Protozoa, Infusoria.* C. Ex. **Ind.**

SAYLES, IRA, Cowanesque Valley P.O., Tioga Co. *Nat. Hist.** **Penn.**

SCARBOROUGH, G., 144 Lawrence St., Brooklyn. *Bot., Geol., Con.* C.* **N.Y.**

SCHAEBERLE, J. M., Asst. in Obs., Ann Arbor. **Mich.**

SCHAFFER, CHAS., M.D., 1309 Arch St., Philadelphia. *Phæn. Bot.** **Penn.**

SCHAEFFER, E. M., M.D., St. Cloud Building, Washington. *Mic., Gen.* **D.C.**

SCHAFFRANEK, A., Ph.D., 6 17th St., Wheeling. *Min., Ent.: Dipt., Hymenop., Hemipt., Con., Ind. Relics, Bot.* C. Preparing an illustrated Flora of the United States and of the Province of Ontario. A limited number of good correspondents in the Dept. of Botany in English, French, or German only desired.* **W.Va.**

SCHANCK, Prof. J. S., M.D., LL.D., Princeton. *Chem.** **N.J.**

SCHAUPP, Prof. F. G., 9 Broadway, Brooklyn. *Ent., Coleopt.* C. Ex. Cicindelidæ and Carabidæ. **N.Y.**

SCHAUS, WILHELM, Jr., 30 E. 38th St., New York. *Ent.: Lepid.* C. Ex.* **N.Y.**

SCHEEFFER, Dr. G. A., Evansville. *Chem., Phys.* **Ind.**

SCHELLER, LOUIS, Green Bay. *Orn., Tax.* C. Ex. for So. and Western spec.* **Wis.**

SCHICK, W. H., M.D., 2933 Wentworth Ave., Chicago. *Orn., Tax.** **Ill.**

SCHICKEL, EDW. B., 119 Broadway, Buffalo. *Chem., Geol., Mic.* C. **N.Y.**

SCHILLER, Prof. J. D., Jackson. *Mic.* C. Ex.* **Mich.**

SCHILLING, J. P., M.D., Louisville. *Orn.** **Ohio.**

SCHIMMEL, J. O., 431 Master St., Philadelphia. *Bot., Mic.* C.* **Penn.**

SCHLEMMER, CHARLES, 460 Sycamore St., Cincinnati. *Min., Palæo., Con.* C. Ex. **Ohio.**

SCHLENER, JOHN A., Minneapolis. *Orn., Ool.. Nat. Hist., Min.* C.* **Minn.**

SCHLEY, WM. S., Asst. State Geologist, Atlanta. *Invert. Palæo., Geol., Min., Met.* C. Ex. **Ga.**

SCHLINDER, O., Taxidermist, Galveston. C. Ex. minerals and bird skins. **Texas.**

SCHMIDT, E. F., 88 Travis St., Houston. *Chem., Min.* C. Ex. **Texas.**

SCHMIDT, H. D., M.D., 263½ Canal St., New Orleans. *Normal and Pathological Histology, Physiol. Special branch: Nervous system.** **La.**

SCHNECK, J., M.D., Mt. Carmel. *Ent., Local Nat. Hist.* C. Ex. plants and shells.* **Ill.**

SCHNEIDER, ELIAS, Milton. *Math.** **Penn.**

SCHOCK, OLIVER D., Berks. *Coins and Indian Relics.** **Penn.**

SCHOENBORN, HENRY F., 213 7th St., N.W., Washington. *Lepid., Ool.* C. Ex. **D.C.**

SCHOENFELD, JOHN, M.D., 118 So. 9th St., Reading. *Geol., Min.* C. Ex. **Penn.**

SCHOENHARDT, J. H., 74 Galvez St., New Orleans. *Coleopt.* **La.**

SCHONEY, L., M.D., 170 E. 71st St., New York. *Biology, Mic., Bot.* Ex. pathological and botanical specimens.* **N.Y.**

SCHOOLEY, W. D., Richmond. *Bot.: Ferns, Mosses, Fungi, Algæ, Geol., Min., Arch.* C. Ex. Will sell cabinet.* **Ind.**

SCHOR, R. F., Evansville. *Con., Min.* C. **Ind.**

SCHOWALTER, E. R., M.D., Point Clear *Tertiary, Cretaceous, Marine, L. and F. S. shells of So. States for sale.* C. **Ala.**

SCHRAGE, WILLIAM, Ph., Ch., Sheboygan. *Analyt. Chem.* **Wis.**

SCHRAUER, L., 228 E. 34th St., New York. *Mic.** **N.Y.**

SCHRENK, JOSEPH, Hoboken. *Bot., Mic.* Ex.* **N.J.**

SCHUCHERT, C., 300 Broadway, Cincinnati. C. Ex. L. Silurian and Niagara fossils. Ohio.
SCHULER, G., 500 Main St., Buffalo. *Coleopt.* C. N.Y.
SCHUSTER, THEO., 419 Herkimer St., Brooklyn. *Bot.* C. Ex. N.Y.
SCHULTZ, E., 991 Sixth Ave., New York. *Ent., Bot.** N.Y.
SCHUSTER, MORITZ, 1803 Hickory St., St. Louis. *Ent., N. Am. Coleopt.* C. Ex.* Mo.
SCHWARZ, E. A., U.S. Dept. Agric., Washington. *Economic Ent., Coleopt.* C. Ex.* D.C.
SCHWEITZER, PAUL, Ph.D., Prof. Chem., Mo. State Univ., Columbia, Boone Co. *Chem.** Mo.
SCHWENSEN, F. M., 991 Sixth Ave., New York. *Coleopt.* C. Ex.* N.Y.
SCHWINN, J. W., Jr., Buffalo. *Coleopt.* C. Ex. N.Y.
SCIVENSON, J. M., L. Box 3952, New York. *Coleopt.: Scarabæidæ.* Ex. N.Y.
SCOLLICK, JOSEPH W., 49 Asylum St., Rochester. *Preparative Osteologist.* Preparing and mounting Ligamentary Skeletons of Mammals, Birds, Reptiles, and Fishes a specialty. Any Museum or Institution wishing services please correspond.* N.Y.
SCOON, JAMES H., M.D., Amsterdam. *Mic.* N.Y.
SCOTT, A. E., Lexington. *Bot.** Mass.
SCOTT, Miss EUGENIE, Sterling. *Geol., Phys.* C. Ex.* Ill.
SCOTT, FRED., Ann Arbor. *Mic.** Mich.
SCOTT, J. G., Westfield. *Phæn. Bot., Geol.* C. Ex. Mass.
SCOTT, J. T., Crawfish Springs, Walker Co. *Arch., Nat. Hist., Tax.** Ga.
SCOTT, Judge JOHN T., Terre Haute. *Geol. (coal measures).* C. Ex. Have spec. from coal measures. Want Sil. and Devonian. Ind.
SCOTT, ROBERT, Chestnut St., Jamaica Plain. *Ool.* C. Ex. Mass.
SCOTT, Prof. WILLIAM B., Princeton. *Palæo., Emb., Anat.** N.J.
SCOVELL, MELVILLE A., M.S., Urbana. *Agric. Chem.* Ill.
SCOVELL, J. T., Terre Haute. *Con.* C. Ex.* Ind.
SCOVILLE, S. S., M.D., Lebanon. *Hort., Geol., Palæo., Biol.* C. Ex. Lower Silurian fossils.* Ohio.
SCRIBNER, E. O., Prof. Nat. Sci., Ripon Coll. *Chem.* Fossils desired in ex. for minerals. Wis.
SCRIBNER, F. LAMSON, Girard Coll., Philadelphia. *Gramineæ.* Foreign correspondence desired.* Penn.
SCRIBNER, G. HILTON, Yonkers. N.Y.
SCRIBNER, Rev. H. F. J., Strafford, Orange Co. *Meteorology.** Vt.
SCUDDER, NEWTON P., Middletown. *Emb.* C. Ex. Conn.
SCUDDER, SAMUEL H., Editor of "Science," Cambridge. *Gen. Zool., Fossil Insects, Orthoptera, Butterflies.** Mass.
SCUPHAM, J. R., Asst. Engineer, C.P.R.R., San Francisco. *Min.* C.* Cal.
SEAGRAVE, F. E., P.O. Box 1083, Providence. *Ast., Phys.* R.I.
SEAMAN, W. H., Prof. Chem., 1424 11th St., N.W., Washington. *Mic.** D.C.
SEAMANS, Prof. W. O., Delaware. *Chem.* Ohio.
SEAMON, WILLIAM H., B.Sc., Instructor Chem. and Nat. Hist., Miller School, Batesville, Albemarle Co. *Agric., Min., Chem.* C. Ex.* Va.
SEARS, J. F., Niagara Falls. *Mic., Optics.* C.* N.Y.
SEARS, JOHN H., Asst. Peabody Acad. of Science, Salem. *Bot.** Mass.
SEDGWICK, WM. T., Ph.D., Johns Hopkins Univ., Baltimore. *Biol.* Md.
SEEBER, ERNEST, 939 So. 2d St., Philadelphia. *Ent.: Coleopt., Lepid.* C. Ex.* Penn.
SEEGER, C. L., 70 Temple St., Springfield. *Phæn. Bot.* Mass.

SEEGER, EDWARD W., 70 Temple St., Springfield. *Phæn. Bot., Ferns, Orn.* C. Ex. **Mass.**

SEELEY, CHARLES A., Ph.D., 37 Park Row. *Chem., Phys.* **N.Y.**

SEELY, HENRY M., Prof. in Middlebury Coll., Middlebury. *Chem., Bot.* C. Ex. **Vt.**

SEELYE, C. W., Rochester. *Phæn. Bot., Ferns, Horticulture.** **N.Y.**

SEIBER, W. F., Fennville, Allegan Co. C.* **Mich.**

SEIDENSTICKER, FRANK J., Meriden. *Diatoms, Mic., Infusoria.* C.* **Conn.**

SEISS, C. FEW, 1338 Spring Garden St., Philadelphia. *Herpetology, Gen. Zool.* Penn. reptiles and batrachians for ex.* **Penn.**

SEISS, RALPH W., 1338 Spring Garden St., Philadelphia. *Comp. Anat., Mam., Herpetol.* C. Ex.* **Penn.**

SELDEN, JAMES, 116 E. 5th St., Cincinnati. *Palæo., Mollusks.* **Ohio.**

SELTZER, JNO. A., Lebanon. *Minerals.** **Penn.**

SELWYN, ALFRED R. C., LL.D., F.R.S., F.G.S., Director Geol. and Nat. Hist. Surv. Can., Museum and Office, Sussex St., Ottawa. *Geol.** **Canada.**

SEMANS, WILLIAM O., M.A., Prof. Chem. and Phys., Ohio Wesleyan Univ., Delaware. **Ohio.**

SEMPLE, WILLIAM S., Easton. *Ool.* C. Ex. **Penn.**

SENNETT, GEORGE B., Meadville. *Orn., Ent.: especially Lepid.* C. Ex., fine duplicates of Texas birds and eggs. **Penn.**

SENSENIG, DAVID M., Prof. State Normal School, West Chester. *Phæn. Bot.* C. Ex.* **Penn.**

SESSIONS, Miss KATE O., 1428 7th Ave., East Oakland. *Ferns, Min.* C. Ex.* **Cal.**

SEVERANCE, Rev. M. L., Prin. of Burr. and Burton Seminary, Manchester. *Geol., Min.* C.* **Vt.**

SEWALL, HENRY, Prof. of Physiol., Univ. of Mich., Ann Arbor.* **Mich.**

SEWALL, JOSEPH A., M.D., LL.D., Prof. Chem. and Met., Univ. of Col., Boulder. **Col.**

SEYMOUR, ARTHUR B., Champaign. *Bot., Ferns, Parasitic Fungi.* C. Ex.* **Ill.**

SEYMOUR, F. H., 163 Congress St., E., Detroit. *Numismatics.* C.* **Mich.**

SEYMOUR, GEORGE W., Taylor's Falls, Chisago Co. *Arch.* C. Ex.* **Minn.**

SEYMOUR, Prof. M. L., Normal. *Chem. and Nat. Phil.* **Ill.**

SEYMOUR, W. H., 3 Clinton Place, Troy. *Ool.* C. Ex. Desires correspondence. **N.Y.**

SHAFER, HARRY C., Phœnixville, Chester County. *Min.* C. Ex.* **Penn.**

SHALER, N. S., Prof. of Palæo., Harvard Univ., Cambridge. *Geol., Palæo.** **Mass.**

SHALLCROSS, JOHN, 4610 Frankford Ave., Philadelphia. *Ent., Min., Con., Mic.* C.* **Penn.**

SHALLENBERGER, THOMAS M., Antiquarian, Stromberg. *Arch., Min., Geol.* Will make collections in any department for ex. in above.* **Neb.**

SHANNON, W. P., A.M., Greensburg, Decatur Co. *Invert. Palæo.* C. Cin. and Niag. fossils to ex. for those of other epochs.* **Ind.**

SHARE, WILLIAM W., Ph.B., 336 Navy St., Brooklyn. *Phys.* **N.Y.**

SHARKS, EBENEZER, Indianapolis. *Mic.* **Ind.**

SHARP, A. P., Baltimore. *Chem.** **Md.**

SHARP, S. Z., A.M., Mt. Morris. *Con., Geol.* C. Shells for ex.* **Ill.**

SHARPLES, S. P., S.B., 114 State St., Boston. *Geol., Lithol., Mic.** **Mass.**

SHARPLESS, ALFRED, West Chester, *Arch., Min.* Coll. birds' eggs and minerals.* **Penn.**

SHARPLESS, FREDERICK F., West Chester. *Min., Ool.** **Penn.**
SHARPLESS, ISAAC, Prof. Math. and Ast., Haverford Coll. *Ast.** **Penn.**
SHATTUCK, LYDIA W., So. Hadley. *Bot.* C. Ex. **Mass.**
SHATTUCK, SAMUEL W, C.E., Urbana. *Math.** **Ill.**
SHAUP, Rev. J., Hastings. *Bot.* **Mich.**
SHAW, C. JAY, Pottersville, Warren Co. *Ool., Ent., Min., Forest Bot.* C. Ex. Trees and shrubs in ex. for eggs, insects, and minerals. **N.Y.**
SHAW, E. B., 49 Dana St., Cambridge. *Min.* C. Ex. Western and Southern spec. esp. desired. Desires correspondence.* **Mass.**
SHAW, JAMES M., So. Waterford. *Min.* C. Ex.* **Me.**
SHAW J., Mt. Carroll, Carroll Co. *Geol., Prehistoric Man, Mound-builders.* C. Will ex. Sil. fossils or prehistoric relics for pottery or other relics. **Ill.**
SHAW, R. T., Waynesville. *Geol.* C. Ex. **Ohio.**
SHAW, WM. D., 34 St. Peter St., Montreal. *Ent.: Lepid., Coleopt., Neuropt.* C. Ex.* **Canada.**
SHEAFER, ARTHUR W., B.S., Asst. 2d Geol. Surv., Pottsville. *Geol., Mining.** **Penn.**
SHEAFER, P. W., Pottsville. *Iron and Coal, etc., Geol.* C. Ex.* **Penn.**
SHEAFER, W. S., Pottsville. *Geol., Mining.* **Penn.**
SHEAHAN, J. P., A.M., M.D., Dennysville. *Palæo., Lithol., Arch., Orn., Mollusks.* C. Ex.* **Me.**
SHEAPHERD, Mrs. THEODORIA B., San Buenaventure. *Algæ, Ferns. Cal. curiosities.* C. **Cal.**
SHEEHAN, WILLIAM F., M.D., 45 Lake Ave., Rochester. *Human Anat., Mic.* C. **N.Y.**
SHEERAR, E. V., L B. 172, Wellsville, Allegany Co. *Bot., Geol., Min., Palæo., Ast., Orn., Ent.* C. Ex.* **N.Y.**
SHEFFER, CLARK, South Haven. *Hort., Bot., Min.* **Mich.**
SHELDON, CHARLES S., Normal School, Oswego. *Bot., Con.* C. Ex.* **N.Y.**
SHELDON, D. S., A.M., LL.D., Prof. Griswold Coll., Davenport. *Gen. Nat. Hist., Con.* C. Ex.* **Ia.**
SHEPARD, Prof. CHARLES UPHAM, New Haven. *Min.* C.* **Conn.**
SHEPARD, CHARLES U., Jr., Prof. Chem., Med. Coll., State of S. C., Charleston. *Chem.* C. Ex. Rutile, Lazulite, and Pyrophyllite in ex. **S.C.**
SHEPARD, ELMER E., Fairfield. *Arch., Ent., Anth., Biol., Crystal, Palæo.* Correspondence solicited from each of the States and Territories and Canada. C. Ex.* **Ind.**
SHEPARD, EDW. M., Prof. Nat. Sci., Drury Coll, Springfield. *Bot.: Vasc. Cryptogams.* C. Correspondence from Mo. botanists desired.* **Mo.**
SHEPARD, Mrs. HARRIET E, A.B., Springfield. *Phæn. Bot.* C.* **Mo.**
SHEPARD, JAMES, Box 826, New Britain. *Min.* C. Ex. Send list of duplicates.* **Conn.**
SHEPARD, Miss NETTIE, New Britain. *Min., Mollusks.* C. Ex. minerals.* **Conn.**
SHEPARD, WM. S., Shelter Island, Suffolk Co. *Arch.* C. Ex. Desires Southern and Western specimens.* **N.Y.**
SHEPHERD, M. W., Rochester Depot, Lorain Co. *Min., Arch.* C. Ex. **Ohio.**
SHEPPARD, EDWIN, 2025 N. 17th St., Philadelphia. *Vert., Orn.* C. **Penn.**
SHERMAN, B. F., M.D., Elizabeth St., Ogdensburg. *Chem., Mic., Geol.* **N.Y.**
SHERMAN, FRANK A., Prof. of Math. and Physics, Chandler Scientific Department, Dartmouth College, Hanover.* **N.H.**
SHERMAN, LEWIS, A.M., M.D., Milwaukee. *Bot., Chem., Mic.** **Wis.**

SHERMAN, O. T., Asst. Observatory, Yale Coll., 4 Library St., New Haven. *Ast.* Conn.

SHERRIFF, F. A., Maverick Nat. Bank, Boston. *Coleopt.* C. Ex. Mass.

SHERRILL, J. E., Danville. *Biol., Geog. Dist.* C. Ind.

SHERWOOD, ANDREW, Mansfield. *Geol., Palæo., Arch., Hort.* C. Ex.* Penn.

SHERWOOD, W. L., Corning, Adams Co. Specialty, *Rhizopods, Herpetology, C. of Reptiles.* Would like to correspond and ex.* Ia.

SHIMER, HENRY, A.M., M.D., Mt. Carroll. *Orn., Ent., Gen. Sci.* C. Ex. Has a good collection of birds, insects, and plants.* Ill.

SHIPMAN, E. F., Evanston. *Bot.* C.* Ill.

SHIRK, JOHN C., Brookville, Franklin Co. *Geol., Ichth.* Ind.

SHOALS, GEORGE H., Easthampton. *Ool.* C. Ex. for rare spec.* Mass.

SHOCKLEY, WILLIAM H., M.E., Candelaria. (Permanent address, New Bedford, Mass.). *Bot.* C. Ex.* Nev.

SHOMAS, B. W., 918 Indiana Ave., Chicago. *Diatoms, Mic.* C.* Ill.

SHORES, E. I., M.D., West Bridgewater, Plymouth Co. *Vert. Zool., Comp. Anat., Mic.** Mass.

SHORT, JOHN T., Ph.D., Prof. Hist., Columbus. *Anth., Am. Arch. and Eth.** Ohio.

SHORT, SIDNEY H., B.S., Prof. Phys., Univ. of Denver, Denver. *Electric light.* Col.

SHORT, Rev. WILLIAM, 45 Sidney Place, Brooklyn. *Bot., Lepid., Coleopt.* C. Ex.* N.Y.

SHORTEN, J. W., 191 W. 4th St., Cincinnati, *Zool., Tax.** Ohio.

SHRINER, W. W., M.D., Liberty, Union Co. *Arch., Geol., Palæo.* C. Ex. Ind.

SHRIVER, HOWARD, Wytheville. *Phæn. Bot., Ferns.* C.* Va.

SHROCK, FRANK H., M.D., So. Pueblo. *Arch., Palæo., Osteol.* C. Ex. Col.

SHROCK, JACOB H., Newark, Licking Co. *Arch., Geol.* C. Ohio.

SHUELKE, Rev. Prof. PAUL FR, Ackley, Hardin Co. *Bot., Geol., Con.* C. Ex. Desires Grasses from every part of the world. Ia.

SHUFELDT, ROBERT W., M.D., Capt. Med. Dept. U.S. Army, Smithsonian Inst., Washington. *Zool., Gen. Comp. Anat.* C. Ex.* D.C.

SHULAK, Rev. F. X., Prof. Min., Geol., and Nat. Hist., St. Ignatius Coll., 12th St., W. Chicago. *Min., Geol., Ent., Con.* C. Ex.* Ill.

SHULTZ, CHARLES S., Hoboken. *Mic., Gen. Biol., Infusoria.* C.* N.J.

SHULTZ, J. H., M.D., Box 332, Logansport. *Con., Geol.* C. Ex. Cal., also U. and L. Silurian fossils.* Ind.

SHUMARD, Mrs. WARREN, Richmond. *Geol., Palæo.* C. Ex. Ind.

SHURLY, E. L., 544 Jefferson Ave., Detroit. *Mic.** Mich.

SHUTT, Mrs. WILLIAM E., Springfield, Sangamon Co. *Geol., Bot., Con.* C. Ex.* Ill.

SIAS, FREDERICK C., Schoharie, Scho. Co. *Geol., Palæo.* C coins.* N.Y.

SIAS, SOLOMON, A.M., M.D., Schoharie. *Geol., Palæo., Met., Ast.* C.* N.Y.

SIEWERS, C. G., Box 23, Newport. *Ent.* C.* Ky.

SIGSBEE, CHARLES D., Commander U.S. Navy, U.S. Hydrographic Office, Navy Dept., Washington. *Practice and Economy of Deep-sea Sounding, Dredging, etc.** D.C.

SILER, ANDREW L., Kauch, Kane Co. *Bot., Ferns, Bulbs, Cacti, and F. W. Shells, Arch.** Utah.

SILL, J. M. B., Detroit. *Orn., Zool.** Mich.

SILLIMAN, Prof. B., Yale College, New Haven. *Chem., Min., Met.* Conn.

SILLIMAN, J. M., Prof. Mining Eng. and Graphics, Lafayette College, Easton. *Mic.** Penn.

SILVESTER, Miss MARTHA, Malden. *Bot.** Mass.

SIMES, J. HENRY C., M.D., Philadelphia. *Mic.* C.* **Penn.**
SIMMONS, Rev. H. M., Madison. *Mic.* C. **Wis.**
SIMMONS, W. G., A.M., Prof. Nat. Sci, Wake Forest Coll., Wake Co. C. Ex.* **N.C.**
SIMMS, J. R., Fort Plain. *Arch.* C. Ex.* **N.Y.**
SIMON, H. L., Lancaster. *Min., Ool., Geol., Arch.* C. Ex. **Penn.**
SIMON, WM., Ph.D., Prof. Chem., 10 Block St., Baltimore. *Chem., Min.* C.* **Md.**
SIMONDS, F. W., M.S., Ph.D., Prof. Geol., Zool., and Bot., Univ. of N. C., Chapel Hill. *Geol., Min.* **N.C.**
SISSON, ALBERT D., Westerly. *Ool., Plants.* C. Ex.* **R.I.**
SIZER, N. B de S., B.Sc., M.D., 336 Greene Ave., Brooklyn. *Hist., Org. Chem., Mic.** **N.Y.**
SKARSTEDT, ERNST, Chicago. *Mam., Orn., Gasteropoda, Bot.* C. **Ill.**
SKELTON, JOHN L., 376 W. Monroe St., Chicago. *Orn., Tax., Ent.* C. Ex. **Ill.**
SKIDMORE, Prof. S. T., cor 17th and Spring Sts., Philadelphia. *Phys** **Penn.**
SKINNER, A. G., Youngstown, Niagara Co. *Bot.** **N.Y.**
SKINNER, HARRY, 716 N. 20th St., Philadelphia. *Ent.: Lepid.* C. Ex.* **Penn.**
SKINNER, JOHN S., Bowling Green. *Min., Crystal.* C. Fossiliferous limestone, Geodes, and Camelians for ex.* **Ohio.**
SLADE, DANIEL D., M.D., Prof. Applied Zool., Bussey Inst., Jamaica Plain. **Mass.**
SLADE, ELISHA, Somerset. *Zool., Nat. Hist. of the Farm, Meteo., Heredity in animals and plants.** **Mass.**
SLEEPER, FRANK S., Galesburg. *Coleoptera.* C.* **Mich.**
SLOAN, JOHN, M.D., New Albany. *Mic., Diatoms of So. Ind.* C.* **Ind.**
SLOCUM, CHARLES E. M.D., Ph.D., Syracuse. *Histol., normal and pathological.* **N.Y.**
SMALL, H. BEAUMONT. M.D., Ottawa, Ont. *Med. Mic., Bot.* C. Rx.* **Canada.**
SMALL, L. LINN, Box 89, Auburn. *Geol., Min., Crystal.* C. Ex.* **Me.**
SMALL, OSCAR A., Beaver, Beaver Co. *Geol., Min.* C. **Penn.**
SMILEY, CHAS. W., Editor of the publications of the U.S. Fish Commission, 1443 Mass. Ave., Washington. *Gen. Biol., Bot., Bibliog., Anth., Ichth.* C. Bot.* **D.C.**
SMITH, ARTHUR W., University St., Montreal. *Min., Bot., Geol., Palæo.* **Canada.**
SMITH, BENJAMIN H., 705 Walnut St., Philadelphia. *Coleopt.* **Penn.**
SMITH, C. ALFRED, M.A.S., Prof. Chem., Penn. State Coll., Centre Co. **Penn.**
SMITH, CHARLES E., 216 So. 15th St., Philadelphia. *Bot.* C.* **Penn.**
SMITH, CHARLES N., L.B. 1011, Delaware. *Min., Geol.* C. Ex. **Ohio.**
SMITH, DANIEL B., Germantown, Philadelphia. *Con.* **Penn.**
SMITH, D. M., 144 Waterloo St., St. John, N.B. *Bot.* **Canada.**
SMITH, Mrs. E A., Dublin. *Mosses, Ferns** **Ind.**
SMITH, Miss EMMA A., 135 Moss St., Peoria. (In Leipsic, Germany). *Econ. Ent.: Hymenop.* Ex.* **Ill.**
SMITH, Mrs. ERMINNIE A., 203 Pacific Ave., Jersey City. *Min., Geol.* C. Ex. **N.J.**
SMITH, EUGENE A., Ph.D, Prof. Chem. and Geol., Univ. of Ala., State Geologist, Tuscaloosa. *Chem., Geol., Phæn. Bot., Ferns, Tertiary Shells.* Ex.* **Ala.**
SMITH, ERWIN F., Lansing. *Bot.* C. Ex. Foreign exchange desired.* **Mich.**
SMITH, E. H., Fort Wayne. *Orn., Tax.* C. Ex.* **Ind.**

SMITH, E. J., Box 35, Natick. *N. A. Birds, Lepid., Coleoptera, Shells.* C. Ex.* **Mass.**

SMITH, E. KIRBY, Univ. of the South, Sewanee. *Phæn. Bot., Crypt. Bot.* C. Ex.* **Tenn.**

SMITH, FRANK, 514 Lexington St., Baltimore. *Ferns, Hort.** **Me.**

SMITH, F. C., Bridgeport. *Ent., Mic.* C. Ex.* **Conn.**

SMITH, F. H., Prof. Univ. of Va., Charlottesville. *Geol.* **Va.**

SMITH, FRED. E., Ithaca. *Geol.* C. Ex. **N.Y.**

SMITH, FRED. SUMNER, M.D., West Hartford. *Orn., Ool., Herpetol, Bot.* C. **Conn.**

SMITH, GEO. C., Litchfield. *Min.* C. Ex. **Me.**

SMITH, GEORGE L., C.E., State Normal School, Baltimore, *Bot.* C. Ex.* **Md.**

SMITH, HORACE H., Green St., Germantown, Philadelphia. *Ool. of N. A.* C. Ex. **Penn.**

SMITH, H. L., Prof. Nat. Phil. and Ast., Hobart College, Geneva. *Ast., Mic., especially Diatoms, Foraminifera and Radiolariæ.* C. Ex.* **N.Y.**

SMITH, H. E., East Saginaw. *Mic.* C. Ex. Vegetable Sections, double stained preparations or chem. crystals. **Mich.**

SMITH, H. S., 610 Commercial St., San Francisco. *Min.** **Cal.**

SMITH, H. S. S., Prof. in Kansas State Univ., Lawrence. *Physics, Ast.** **Kan.**

SMITH, HERBERT W., Box 2621, St. Paul. *Min., Lithol.* C. Ex **Minn.**

SMITH, J. ALDEN, State Geologist, Denver. *Min., Geol.* C. Ex.* **Col.**

SMITH, JOHN DONNELL, 76 Park Ave., Baltimore. *Bot.* C.* **Md.**

SMITH, Prof. J. EDWARDS, M.D., 345 Superior St., Cleveland. **Ohio.**

SMITH, J. LAWRENCE, Louisville. *Min.* **Ky.**

SMITH, JAY L., Ravenswood, L.I., or 86 Beekman St., New York City. *Mic., Histol. and Pathol.* C. Exchange Embryo-chicks, etc. Want Oestological tissues.* **N.Y.**

SMITH, LEWIS L., Media. *Min.* C.* **Penn.**

SMITH, M. EMORY, A.M., Pleasant, Switzerland Co. *Palæo., Geol.* C. Ex. Hudson River and Nigara Fossils.* **Ind.**

SMITH, NORMAN A., M.D., C.M., Frelighsburg, Quebec. *Gen. Nat. Hist.* C.* **Canada.**

SMITH, O. D., Ala. Agric. and Mech. Coll., Auburn. *Math. and Civil Engineering.** **Ala.**

SMITH, Miss ROSA, San Diego. *Algæ, Ferns, Fishes.* C.* **Cal.**

SMITH, R. D., Pres. Columbia Athenæum, Columbia. *Geol.* C. Ex.* **Tenn.**

SMITH, SANDERSON, New Brighton, Staten Island. *Con.* **N.Y.**

SMITH, SIDNEY I., Prof. Comp. Anat., Yale Coll., New Haven. *Gen. Biol., Crustacea.** **Conn.**

SMITH, T. BERRY, A.B., A.M., Prof. Nat. Sci., Pritchett Institute, Glasgow, Howard Co. *Chem., Min.* C. Ex.* **Mo.**

SMITH, WILLIAM A., M.D., Ph.D., M.A., Columbia. *Nat. Hist.* C. Ex.* **Tenn.**

SMITH, W. BROWNE, Levant. *Min., Lithol.* C. Ex. **Me.**

SMITH, W. H., M.D., Ph.D., St. Clair. *Herpetol., Gen. Nat. Hist.* **Mich.**

SMITH, WM. MANLIUS, M.D., Prof. Chem. and Bot., Syracuse Univ., Syracuse. **N.Y.**

SMITH, W. R., Belleville, Box 264. *Min., Palæo., Con.* **Canada.**

SMITH, WILLIAM R., Curator Botanic Gardens, Washington. *Bot.* **D.C.**

SMITH, Prof. URIAH, Battle Creek.* **Mich.**

SMOCK, JOHN C., Rutger's Coll, New Brunswick. *Geol., Met., Meteo.** **N.J.**

SMUCKER, ISAAC, Newark. *Arch.* C.* **Ohio.**

SNOW, F. H., A.M., Ph.D., Prof. Nat. Hist., Univ. Kan., Lawrence. *Ent., Orn., Bot.* C. Kansas and N. Mex. Coleopt., Lepid., and plants for ex. Lists of duplicates sent free on application.* **Kan.**

SNOW, NORMAN G., La Salle. *Hort., Ast., Anat.* C. Ex. (No duplicates.)* **Ill.**

SNYDER, J. F., Virginia, Cass Co. *Geol., Arch.* **Ill.**

SOLTAN, HUGO, 51 Division St., New York. *Ent., Coleopt.* C. Ex * **N.Y.**

SOMERS, J., A.B., M.D., Halifax, N.S. *Bot., Zool., Phys.* **Canada.**

SOMERS, JAMES O., Carbon Hill, Hocking Co. *Palæo., Geol., Min.* C. Ex. **Ohio.**

SORNBERGER, SAMUEL, J., Ph.M., Cortland. *Optics, Acoustics.** **N.Y.**

SOTZEN, TRAUGOTT, Shelby. *Bot., Min., Geol.* C. Ex. **Ohio.**

SOULE, FRANK SOULE, Jr., Prof. Civil Engineering and Ast., Univ. of Cal., Berkeley. **Cal.**

SOUTHARD, EUGENE C., M.D., Kalamazoo. *Comp. Anat.** **Mich.**

SOUTHWELL, J. H., Rock Island. *Bot., Palæo., Geol.* Artesian Wells. C. of fossils.* **Ill.**

SOUTHWICK, FRANCIS B., 175 Broadway, New York. *Orn., Ool., Marine Algæ.* C. Ex. **N.Y.**

SOUTHWICK, J. M., (S. & Jencks), Naturalist, 283 Westminster St., Providence. *Min.* C. Ex.* **R.I.**

SOWTER, E. T. W., Dept. of Interior, Ottawa. *Palæo.** **Canada.**

SPAETH, GUS. C., Mt. Carmel. *Bot.** **Ill.**

SPALDING, VOLNEY M., Acting Prof. Bot., Univ. Mich., Ann Arbor. *Crypt. Plants, Fungi, Algæ, Forestry.** **Mich.**

SPANG, NORMAN, Etna, Allegheny Co. *Min., Arch.* C.* **Penn.**

SPARGROVE, Rev. G. M., Murrysville. *Bot.* **Penn.**

SPAULDING, FLORA B., Taftsville, Windsor Co. *Orn., Ool.* **Vt.**

SPAULDING, JUSTIN, Chicopee. *Mic.* **Mass.**

SPAULDING, RANDALL, Montclair, Essex Co. *Bot.* C. Ex.* **N.J.**

SPAYDE, Prof. WILLIAM H., Middletown, Dauphin Co. *Min. and Lithol.* C. Ex. Wish to ex. *good* specimens of minerals and rocks for others. Inferior specimens not wanted. Ores and metallic minerals a speciality. Have Hematite from Island of Elba.* **Penn.**

SPENCER, GEORGE J., Mining Engineer, New Alameda Quicksilver Mines, Santa Clara Co.* **Cal.**

SPEIR, FRANCIS, Jr., So. Orange. *Vert. Palæo.** **N.J.**

SPELMAN, HENRY M., 62 Sparks St., Cambridge. *Orn.* C. Ex.* **Mass.**

SPENCE, Mrs. E. JANE, Springfield. *Bot.: Ferns, Mosses, Hepaticæ, Lichens.* C. Ex.* **Ohio.**

SPENCE, ROMEO P., A.M., Prof. Chem. and Phys., E. Tenn. Wesleyan Univ., Athens. **Tenn.**

SPENCER, A. H., E. Clarendon, Rutland Co. *Zool., Ool., Min., Arch.* C. Ex.* **Vt.**

SPENCER, Fr's E., San José. *Mic., Diatoms.** **Cal.**

SPENCER, G. L., Lafayette. *Chem.** **Ind.**

SPENCER, HERBERT R. & Co., successors to Chas. A. Spencer & Sons, manufacturers of Microscopes, Geneva.* **N.Y.**

SPENCER, J. W., M.A., Ph.D., B.A.Sc., F.G.S., Prof. Geol., and Mining, State Univ. of Mo., Columbia. *Palæo., spec. Surface Geol. of Great Lake Regions of N. A.* C. Ex. Devon. corals, Laurentian minerals, etc.* **Mo.**

SPENCER, JOHN W., Paxton, Sullivan Co. *Bot., Geol., Palæo., Arch., Ent.* C. Ex. fine Carb. fossils for others of any age or formation in the U.S. or Europe. Donations and exchanges requested for specimens in *Bot., Geol., Palæo., Arch., Ent.*, to be placed in Museum of Indiana, Asbury Univ.* **Ind.**

SPERRY, J. D., South Haven. *Min., Arch.* C. **Mich.**

SPERRY, JOSEPH H., Clinton. *Phæn. Bot., Crypt., Ferns.* C. Ex.* Conn.

SPERRY, LYMAN B., M.D., Prof. Geol., Zool., Physiol., Carleton Coll., Northfield. Minn.

SPILLMAN, J. P., San Diego. *Ferns.* C. Ex. Cal.

SPINNER, Hon. F. E., Jacksonville. *Con.* Fla.

SPITZKA, EDWARD C., M. D., 130 E. 50th St., New York. *Emb. Vertebrates, Anat. Vertebrates, Anth.* C.* N.Y.

SPOFFORD, AMOS L., Georgetown. *Bot., Orn.* C. Ex. Mass.

SPRAGUE, CHARLES J., 380 Marlborough St., Boston. *Lichens.* C.* Mass.

SPRAGUE, F. H., Wollaston. *Ent.* C.* Mass.

SPRAGUE, F. J., U.S. Navy, (aboard at present). *Physics.*

SPRAGUE, ISAAC, Wellesley Hills. *Botanical Artist.** Mass.

SPRINGALL, JOSEPH, M.D. *Min., Geol., Met.* Fossils of Maine.* Me.

SPRINGER, ALFRED, Ph.D., A.M., Box 573, Cincinnati. *Org. Chem.* C. Ohio.

SPRINGER, FRANK, Cimarron, Colfax Co. *Palæo.* C. Ex. for fossil fish or crinoids. N.M.

SPRINGER, PHIL M., Springfield. *Ent., Con.* C.* Ill.

SPROUL, CYRUS, Keyport. *Phæn. Bot.* N.J.

SQUIRES, MARY J., Lockport. *Min, Lepid.* C. Ex. N.Y.

STAEBNER, F. W., care Prof. H. A. Ward, Rochester. *Min.** N.Y.

STADTMULLER, L., Sheffield Scientific School, New Haven. *Min.* Sells, buys, and exchanges.* Conn.

STAGER, WALTER, Sterling. *Geol.** Ill.

STAHR, Prof. JOHN S., Lancaster. *Phæn. Bot.* C. Ex.* Penn.

STAKEMILLER, JOHN A., Mt. Carroll, Carroll Co. *Geol., Min., Palæo.* C. Ex. fossils, ferns, and corals.* Ill.

STALNAKER, J. W., M.D., Austin. Texas.

STANAGE, S. W., Walnut Hills, Cincinnati. *Geol., Mollusks.* C. Ex. Ohio.

STANLEY, F. F., Swampscott. *Mic.* C. Ex.* Mass.

STANLEY, Prof. RICHARD C., Bates Coll., Lewiston. *Geol.** Me.

STANTON, J. C., Rio Vista. *Meteo., Ast.** Cal.

STANTON, J. Y., Prof. Bates Coll., Lewiston. *Orn.* C.* Me.

STAPLETON, Rev. A., East Point, Tioga Co. *Geol.* C. Chemung, Catskill, and Carb. specimens for ex. Penn.

STARR, Mrs AMORY R., Marshall, Harrison Co. *Geol.* C. Ex.* Texas.

STARR, E. S., New York. *Ferns, Orn.* C.* N.Y.

STARR, FREDERICK, 27 Seminary Ave., Auburn. *Palæo., Arch.* C. Ex.* N.Y.

STARRETT, A. P., Warren. *Ent.: Coleopt.* C. Ex.* Me.

ST. CYR, D. N. de, Quebec. *Bot., Ent., Min., Con.* C. Canada.

ST. CYR, Prof. N. D. de, Clotilde de Horton. *Bot., Ent.* C.* Canada.

STEACY, W. H., Tampa, Hillsboro' Co. *Orn., Tax.** Fla.

STEARNS, CHARLES A., 37 Pearl St., Boston. *Min., Con.** Mass.

STEARNS, FREDERICK, Detroit. *Pharmacy, Bot.* C. Ex.* Mich.

STEARNS, H. P., M.D., Hartford. Conn.

STEARNS, ROBT. E. C., Ph.D., U.S. Nat. Museum, Washington. *Moll.** D.C.

STEARNS, T. B., 64 First Place, Brooklyn. *Ool., Orn., Min., Met.* C. Ex. N.Y.

STEARNS, WINFRID A., Amherst. *Gen. Nat. Hist, especially Zool. Specialty Ornithology and Entomology.** Mass.

STEARNS, W. H., Racine, Racine Co. *Bot.* C. Ex.* Wis.

STEBBINS, EDWARD S., 409 Nicollet Ave., Minneapolis. *Arch., Ool.* C. Ex.* Minn.

STEBBINS, FRED. BRIGGS, Adrian. *Arch., Philately, Geol.* Gen. Sci. Coll. Many desirable spec. to ex. for antiquities and stamps. Correspondence on genealogy of Stebbins or Briggs, or any subject, desired.* Mich.

STEBBINS, JAMES H., Jr., 20 E. 37th St., New York. *Ent.* N.Y.

STEBBINS, KATHARINE, Cazenovia, Madison Co. *Ent.: Lepid.** N.Y.

STEBBINS, SOLOMON, Springfield. *Ferns.* C. Ex. Mass.

STEDMAN, JOHN M., Brockport, Monroe Co. *Mic., Tax., Gen. Zool., Bot., Geol.* C. Ex. N.Y.

STEELMAN, ISAAC N., Hamilton, Madison Co. *Geol., Palæo.* C. Ex. N.Y.

STEERE, J. B., Ph.D., Prof. Zool., Univ. Mich., Ann Arbor. *Syst. Zool.* C. Ex.* Mich.

STEERNWITZ, W. H., C. and M.E., Houston. *Analyt. and Mining work, Geol., Geognosy.* C. Ex. Spec. of ores and rocks. Texas.

STEIN, FRED., M.D., 94 Russel Ave., Indianapolis. *Coleoptera and Terrestrial Mol.** Ind.

STEIN, PAUL, Apothecary and Chemist, 239 Commerce Street, San Antonio. *Ent.: Coleopt, Lepid.* C. Ex. Texas.

STEINER, L. H., M.D., Frederick City. *Chem., Sanitary Sci.** Md.

STELLE, Prof. J. P., Mobile. *Ent., Bot., Orn., Ast.* C. Agricultural Editor Mobile Register.* Ala.

STENDISKE, AUGUST, 240 Pearl St., New York. *Optician.** N.Y.

STEPHENS, P., 2512 Federal St., Philadelphia. *Lepid.* C. Penn.

STEPHENSON, WILLIAM, M.D., 119 State St., Portland. *Ool.* C.* Me.

STERL, ALEXANDER, M.D., 361 Blue Gland Ave., Chicago. *Gen. Bot., Min.* C. Ex.* Ill.

STERLING, Dr. E., Cleveland. *Ichth.* Ohio.

STEVENS, CYRUS LEE, Stevensville, Bradford Co. *Min.* Penn.

STEVENS, E. C., Madison. *Phæn. Bot., Ferns, Mosses, Fungi, and F. W. Algæ.* C. Ex. Wis.

STEVENS, GEORGE T., M.D., Ph.D., 33 W. 33d St., New York. *Bot.* C. Ex.* N.Y.

STEVENS, H. C., Oregon City. *Arch.* C.* Ore.

STEVENS, H. V., Harrisonville, Meigs Co. *Geol.* C. Ex. Ohio.

STEVENS, LAWRENCE B., 232 Chapel St., New Haven. *Zool.* C. Ex. Reptiles especially desired. Conn.

STEVENS, L. B., Box 76, Medina. *Orn., Tax.* C. Ex. N.Y.

STEVENS, W. J., Vacaville, Solano Co. *Bot., Geol.* C. Ex. Mazon fossil ferns. Cal.

STEVENS, W. LECONTE, 40 W. 40th St., New York. *Acoustics, Physiological optics.** N.Y.

STEVENSON, JAMES A., 815 So. Main St., Akron. *Geol., Arch., Con.* C. Ex. L. and F. W. shells. Will send list on application.* Ohio.

STEVENSON, JOHN J., Prof. Univ. New York, Washington Sq., New York city. (Between May and Dec., address Uniontown, Fayette Co., Pa.) *Geol.** N.Y.

STEVENSON, LULU M., Scio. *Min.* Ohio.

STEVENSON, WILLIAM C., Jr., 1525 Green St., Philadelphia. *Fungi.* C. Ex.* Penn.

STEVENSON, W. G., M.D., 339 Mill St., Poughkeepsie. *Biol.** N.Y.

STEVENSON, W. J., Oshawa, Ont. *Tax.** Canada.

STEWARD, J. F., 410 Seminary Ave., Chicago. *Palæo., Arch.* C. Ex.* Ill.

STEWART, F. L., Murrysville. *Chem.* Penn.

STEWART, J. T., M.D., Peoria. *Bot.* C.* Ill.

STICKNEY, J. W., Tyson Furnace, Windsor Co. *Geol., Min.* C. Good specimens for ex. Vt.

STICKNEY, VICTOR H., Tyson Furnace, Windsor Co. *Min.* C. Ex. Iron ores. Vt.

STIDHAM, Rev. I. F., Columbus. *Mic.** Ohio.

STILES, S. EDWARD, M.D., 51 Greene Ave., Brooklyn. *Mic.* C. Ex.* N.Y.

STILL, Mrs. M. C., 77 James St., Syracuse. *Bot.* C. Ex. N.Y.

STILLMAN, E. F., A.B, Westerley. *Palæo., Orn.* C. Ex. R.I.

STILLMAN, JOHN M., Ph.B., Univ. of Cal., Berkeley. *Chem.* Cal.

STILLMAN, M. G., Milton, Rock Co. *Bot., Grasses, Sedges, and Compositæ.* C. Ex.* Wis.

STILLMAN, THOMAS B., Master in Science, Stevens Inst., Hoboken. *Chem.** N.J.

STILLSON, Prof. JOSEPH O., A.M., M.D., 504 Upper Second St., Evansville. *Physiol., Opthal., Mic.* C. Ex. Acaris F. W. Algæ, Diatoms, etc.* Ind.

STILWELL, GEO. E., 1725 Madison Avenue, Kansas City. *Tax., Orn., Ool.* Eggs or skins for sale or exchange.* Mo.

STILWELL, O. J., Niles. *Phæn. Bot., Ferns, Zool., Mam., Orn. Tax.* C.* Mich.

STIMPSON, CHARLES M., Peabody. *Bot.** Mass.

STINSON, FLOYD, M.D., Evansville. *Arch.* C. Ex. Ind.

ST. JOHN, Prof. JOSEPH S., State Normal School, Albany. *Chem., Phys., Bot., Min.** N.Y.

ST. JOHN, N. M., M.D., Wayland, Steuben Co. *Mic.* C. Ex. N.Y.

ST. JOHN, ORESTES H., Topeka. *Palæo.* Kan.

STOCKBRIDGE, HENRY, Jr., 12 North Calhoun St., Baltimore. *Min.* C. Ex.* Md.

STOCKWELL, JAMES K., M.D., Oswego. *Comp. Zool.* C. N.Y.

STOCKWELL, JOHN N., Ph.D., Cleveland. *Ast., Lunar Theory in particular.** Ohio.

STODDARD, J. T., A.M., Ph.D., Prof. Chem. and Physics, Smith Coll., Northampton.* Mass.

STODDER, CHARLES, 131 Devonshire St., Boston. *Diatomacæ, Mic., Geol.* C.* Mass.

STODDER, JAMES C., 5 W. Broadway, Bangor. *Mic. Photog.** Me.

STOKES, A. C., M.D., 514 E. State St., Trenton. *Mic., Bot.* C.* N.J.

STOLLEY, GEORGE, Austin. *Geol., Zool., Palæo.** Texas.

STONE, Prof. CHAS., Cooper Union, New York. *Chem, Min.* C.* N.Y.

STONE, DWIGHT D., 193 E. Third St., Oswego. *Orn., Ool., Tax.* C. Ex. N.Y.

STONE, FRANK M., 216 Sansome St., San Francisco. *Ool.* C. Ex.* Cal.

STONE, GEORGE C., Washington Univ., St. Louis. *Chem.* Mo.

STONE, GEORGE H., Prof. Geol., Colorado Coll., Colorado Springs. *Geol.* C.* Col.

STONE, Mr. and Mrs. LEANDER, 3352 Indiana Ave., Chicago. *Bot.* C. Ill.

STONE, Miss M. L., East Cambridge. *Geol., Min.** Mass.

STONE & NELSON, Box 668, Port Huron. *Orn., Ool., Tax.* C. Ex.* Mich.

STONE, ORMOND. Cin. Obs., Mt. Lookout, Hamilton Co. *Ast.** Ohio.

STONE, W. E., Amherst. *Bot.* C. Ex. in South or West.* Mass.

STORER, FRANCIS H., A.M., Prof. Agric. Chem., Bussey Inst., Jamaica Plain. Mass.

STORRS, C. H., Lebanon. *Orn., Mam., Tax.* C.* N.H.

STORRS, HENRY E., Ph.D., Prof. Nat. Sci., Ill. Coll., Jacksonville. *Phys., Chem.* C.* Ill.

STORY, WILLIAM E., Prof. Johns Hopkins Univ., Baltimore. *Mathematics.* Md.

STOUT, ARTHUR B., M.D., 1310 Mason St., San Francisco. *Anth.* C.* Cal.
STOWELL, C. H., M.D., Ann Arbor. *Mic., Biol.* C.* Mich.
STOWELL, LOUISA R., M.S., Ann Arbor. *Mic., Bot.* C. Ex.* Mich.
STOWELL, T. B., A.M., Ph.D., State Normal School, Cortland. *Comp. Anat., Physiol.* C.* N.Y.
STRAIGHT, H. H., State Normal School, Oswego. *Anat. and Physiol. of Vert., Gen. Biol., Anth.* C. Ex. N.Y.
STRATTON, CHARLES L., Knoxville. *Arch.* C. Ex. Tenn.
STRATTON, F. A., Chattanooga. *Geol., Min.* Tenn.
STRATTON, HATTIE R., Box 43, Grassy Cove, Cumberland Co. *Gen. Nat. Hist.* C. Ex.* Tenn.
STRECKER, HERMAN, Box 111, Reading, Berks Co. *Ent.: Lepid.* C. Ex.* Buys and sells Lepid. from all parts of the world.* Penn.
STREETER, WILLIAM, 11 Scio St., Rochester. *Mic., Ast.** N.Y.
STREETER, Mrs. WILLIAM, 11 Scio St., Rochester. *Bot., Ferns, Algæ, Mosses, Lichens, Mic.* C. Ex.* N.Y.
STREETS, THOS. H., M.D., P.A. Surg. U.S.N., Navy Dept. ,Washington. *Amphibia Crustacea.** D.C.
STRENG, L. H., Grand Rapids. *Meteo., Moll.** Mich.
STRETCH, R. H., P.O. Box 9751, San Francisco. *Bombycidæ.* Cal.
STRIEBY, Prof. WILLIAM, Colorado Springs. *Min., Met.* Col.
STRONG, Rev. CHARLES, Savannah. *Lepid., Coleopt.* C. Ex.* Ga.
STRONG, WILLIAM, Kalamazoo. *Ast.* Mich.
STRONG, WILLIAM C., A.B., Teacher Nat. Science, Maine Wes. Sem., and F. C., Kent's Hill, Kennebec Co. *Geol., Chem., Phys.** Me.
STROOP, L. J., Graham, Young Co. *Gen. Biol., Bot., Geol., Palæo., Ent., Herpetol.* C. Texas.
STROUSE, JOHN, Chestnut Hill, Philadelphia. *Orn.* C. Ex. Penn.
STRUMBERG, C. W., Galesburg. *Orn., Ool, Ent., Coleopt.* Cicindelidæ, Buprestidæ and Cerambycidæ especially desired. C. Ex.* Ill.
STUART, ERNEST B., Sec. State Mic. Soc., Editor "The Druggist," 60 Wabash Ave., Chicago. *Crypt. Bot., Mic., Micro-Photog.* Ill.
STUBBS, CHARLES H., M.D., Wakefield. *Geol., Min., Arch.* C. Ex. minerals found in Hartford and Cecil Cos., Md., and Lancaster and Chester Cos.* Penn.
STUBBS, WILLIAM C., Prof. Chem., Ala. Agric. and Mech. Coll., Auburn.* Ala.
STULTZ, WILLIAM H., Easton. *Bot., Ent.* C. Ex. Penn.
STURDY, JOSEPH, Niagara Falls. *Phæn. Bot.** N.Y.
STURTEVANT, C. P., East Lyme. *Min.** Conn.
SUKSDORF, W. N., White Salmon, Klickitat Co. *Bot.* Sets for sale.* W.T.
SULGROVE, LESLIE, Glendale, Beaverhead Co. *Ent.: Lepid., Coleopt.* C. Ex. foreign or native. Mont.
SUMMERS, EWING, 354 33d St., Chicago. *Bot., Biol.* Ill.
SUMMERS, Rev. R. W., San Luis Obispo. *Geol., Radiata., Moll., Arch.** Cal.
SUMMERS, Mrs. R. W., San Luis Obispo. *Bot., L. and F. W. shells.** Cal.
SUMMERS, WILLIAM H., 3450 Cottage Grove Ave., Chicago. *Mic., Ent* C. Ex.* Ill.
SUTTON, GEORGE, M.D., Aurora. *Geol., Mic., Arch. of S. E. Ind.* C. Ind.
SUTTON, JAMES R., 82 South St., Box 3309, New York. C.* N.Y.
SUTTON, WILLIAM, 2514 Sacramento St., San Francisco. *Con.* Ex. Desires correspondents in Southern States and abroad.* Cal.
SUTTON, WILLIAM T., Worcester. *Ool., Orn., Min.* C. Ex. Mass.
SWAIN, Miss EMMA, 1354 Eighth Ave., East Oakland. *Min., Moll.* C. Ex.* Cal.
SWALLOW, G. C., LL.D., Columbia. *Geol., Zool., Bot.* C. Carb. fossils for ex. Mo.

SWAN, CHARLES W., M.D., 32 Worcester St., Boston. *Bot.* C. Ex.* Mass.
SWEENY, R. O., St. Paul. *Ichth.* Minn.
SWEET, E. T., Silverton. *Chem., Assaying, Geol.,* C.* Col.
SWEET, WILLIAM M., 1228 Monterey St., Philadelphia. *Ent.* Ex. Lepidoptera, cocoons, and pupæ.* Am. Penn.
SWEZEY, G. D., A.M., Prof. Doane Coll., Crete. *Nat. Hist., Geol.* C. Ex.* Neb.
SWIFT, LEWIS, F.R.A.S., Ph.D., Dir. Warner Obs., Rochester. *Ast.** N.Y.

T.

TABER, E. B., Journalist, "Times," New York. *Lepid.* C.* N.Y.
TAFT, DON CARLOS, Prof. Geol. and Zool., Champaign. *Geol., Zool.** Ill.
TAFT, J., M.D., D.D.S., 122 W. 7th St., Cincinnati. *Histol.** Ohio.
TAGGART, S. M., Leesbury. *Palæo., Con.* C. Ex. Ohio.
TALBOT, D. H., Sioux City, Woodbury Co. *Orn.* C. Ia.
TALBOT, HENRY, Waterloo, Monroe Co. *Geol.* C. Ex.* Ill.
TALBOTT, HARRY E., Mt. Auburn, Cincinnati. *Orn., Ool., Palæo.* C. Ex. Ohio.
TALLANT, W. N., 73 Jefferson Ave., Columbus. *Lepid.* C. Ex.* Ohio.
TALMAGE, JAMES E., Provo City (in Europe). *Min., Chem.** Utah.
TAMMEN, H. H. & Co., P.O. Box 1857, Denver. *Bot., Ferns, Min., Crystal., Curiosities, etc.* C. Will buy or sell.* Col.
TANDY, M., Dallas City, Hancock Co. *Tax.* C. Ill.
TARBOX, Miss MARY M., Bath. *Bot.* Ex.* Me.
TARRANT, W. P., Saratoga Springs. *Ool., Orn., Tax.* C. Ex.* N.Y.
TASCOTT, FRANK B., 19 So. Canal St., Chicago. *Ent., Min., Geol.* C. Ex.* Ill.
TATLOCK, JOHN, Jr., Observatory, Williamstown. *Meteo., Ast.** Mass.
TATNALL, EDW., Wilmington. *Bot.* C.* Del.
TAYLOR, FRED. W., Smithsonian Institute, Washington. *Geol., Chem., Min., Met.** D.C.
TAYLOR, GEORGE C., Thibodeaux, La Fourche Parish. *Mic.* in its bearing on *Agric.* and sanitary matters. C. Ex. La.
TAYLOR, Prof. G. WASHINGTON, Cazenovia. *Phæn. Bot., Ferns, Mosses, Fungi, Algæ, Geol., Palæo.* C.* N.Y.
TAYLOR, JULIUS S., M.D., Cur. and Dir. Mus. Nat. Hist., Blackburn Univ., Carlinville. Ex. Ill.
TAYLOR, ROBERT, 52 Hamilton Ave., Auburn. *Orn., Ool.* C. Ex.* N.Y.
TAYLOR, ROBERT T., 131 Adams St., Frankford, Phila. *Min., Lepid.* C. Ex.* Penn.
TAYLOR, THOMAS, M.D., Microscopist, Dept. of Agriculture, Washington. *Mic.** D.C.
TEATOR, W. S., Upper Red Hook, Dutchess Co. *Min., Geol., Land Shells.* C. Ex. shells for minerals. Desires western correspondents.* N.Y.
TEBBETTS, CHARLES E., A.M., Prof. Nat. Sci., Penn Coll., Oakaloosa. *Geol., Bot., Ent., Orn., Con.* C. Ex.* Ia.
TEETER, C. W., Wyoming, Stark Co. *Pharm., Chem.** Ill.
TEMPLE, J. B., No. Adams. *Geol., Mic.* C. Ex.* Mass.
TENNEY, Mrs. ELLEN LE GROS, 474 Madison Ave., Albany. *Bot., Ferns, Mosses and Fungi.* C. Ex.* N.Y.
TENNEY, E. P., Pres. Colorado College, Colorado Springs. Col.
TENNEY, JONATHAN, M.A., Ph.D., 474 Madison Ave., Albany. *Geol., Min., Phys., Geog.* C. Will purchase rarities.* N.Y.
TEPPER, FRED., Box 3331, New York. *Lepid.* C. Ex. N.Y.

TERRY, N. M., Ph.D., U.S. Naval Acad., Annapolis. *Phys.** **Md.**
TEST, ERASTUS, M.D., Adrian. *Chem., Arch.* C. Ex. **Mich.**
TEUBNER, CHARLES, Lexington, Lafayette Co. *Relics of the Mound Builders.* C. 3300 specimens. Wants pipes, ornaments, etc.* **Mo.**
THACHER, C. S., B.C.E., Phelps. *Phæn. Bot., Ferns.* C. Ex. **N.Y.**
THACHER, JAMES K., M.D., Prof. Physiol., Yale Coll., 120 Crown St., New Haven. *Physiol.* **Conn.**
THACKER, J. A., A.M., M.D., F.R.M.S., 121 W. 7th St., Cincinnati. *Med., Mic.* Editor Cin. Med. News.* **Ohio.**
THATCHER, A. R., Haydenville. *Min.* C.* **Mass.**
THAXTER, L. L., 13 Tremont St., Boston. *Mollusks.* C.* **Mass.**
THAXTER, ROLAND, Kittery Point. *Nocturnal Lepidoptera.* C. Ex. **Me.**
THAYER, E. O., Atlanta.* **Ga.**
THAYER, FRED. A., Sheldonville. *Geol., Min.,* C. Ex. **Mass.**
THAYER, H. C., Mendota. *Geol., Tax.* C. Ex.* **Ill.**
THAYER, J. M., 1354 Euclid Ave., Cleveland. *Orn., Ool., Tax.* C. Ex.* **Ohio.**
THAYER, SAMUEL PROCTOR, No. Adams. *Bot.* C. **Mass.**
THOMAS, ALLEN C., Haverford Coll. *History and Literature.** **Penn.**
THOMAS, B. W., 1842 Indiana Ave., Chicago. *Mic., F. W. Diatoms and Crustacea.* C. Ex.* **Ill.**
THOMAS, CHAS. W., Danforth, corner State St., Portland. *Orn.** **Me.**
THOMAS, Prof. CYRUS, 1246 11th St., N.W., Washington. *Acridiæ, Am. Arch.* C. Ex.* **D.C.**
THOMAS, ELMER L., Augusta, Hancock Co. *Min.* C. Ex.* **Ill.**
THOMAS, FLAVEL S., A.M., M.D., V.S., Hanson. *Comp. Anat. and Pathol. and so-called Spiritualism.* C. Ex. bones of vertebrates. Would like facts and specimens relative to unstudied diseases of lower vertebrates.* **Mass.**
THOMAS, FRANK W., M.D., 5681 Germantown Ave., Germantown, Philadelphia. *Phæn. Bot.* C. Ex. **Penn.**
THOMAS, Mrs. F. S., Hanson. *Bot., Zool.* **Mass.**
THOMAS, GEORGE R., D.D.S., 86 Lafayette Ave., Detroit. C. Ex. **Mich.**
THOMAS, W. B., Marion, Grant Co. *Zool.* Ex. birds and fishes.* **Ind.**
THOMAS, W. H. B., Philadelphia. *Geol., Invert. Palæo., Anth., Geol.* C.* **Penn.**
THOMAS, W. S., Little Rock. *Geol.** **Ark.**
THOMPSON, ALTON H., D.D.S., Topeka. *Anth.* C.* **Kan.**
THOMPSON, EDWARD R., M.D., Newburg, Fillmore Co. *Bot., Mic.* C. Ex. **Minn.**
THOMPSON, EDWIN J., M.A., Prof. Math. and Ast., Univ. of Minn., Minneapolis. **Minn.**
THOMPSON, EVERETT A., A.M., 590 Main St., Springfield. *Min., Bot.* C. Ex.* **Mass.**
THOMPSON, E. H., W. Falmouth. *Orn., Ichth., Mam.* C. Ex. **Mass.**
THOMPSON, FRANK J., Superintendent Zoölogical Garden, Cincinnati. *Zool.** **Ohio.**
THOMPSON, Miss M. J., Sec. Nat. Hist. Club, Brockport, Monroe Co. *Ferns, Orchids., Con.* C. Ex.* **N.Y.**
THOMPSON, RICHARD J., M.D., 33 Rock St., Fall River. *Min., Mic.* C.* **Mass.**
THOMPSON, WM., Medford. *Orn.* **Mass.**
THOMPSON, W. W., Orient, L.I. *Min., Geol., Arch.* C. Ex. **N.Y.**
THOMPSON, Z. N., Boulder Valley. *Amethyst, Opalized Wood, Yellowstone.** **Mont.**
THOMSON, HENRY R., M.A., Prof. Chem. and Min., Wabash Coll., Crawfordsville. **Ind.**

THOMSON, JOHN H., C.M.Z.S., New Bedford. *Con.* C. Ex. Wishes Foreign Helices, for which American and Foreign L., F. W., and Marine species will be given in ex.* **Mass.**

THOMSON, R. H., Healdsburg. *Bot.* **Cal.**

THOMSON, W. B., New Britain. *Min.* C. Ex. **Conn.**

THORBURN, JOHN, LL.D., Geol. Surv., Ottawa, Ont. *Arch., Philol.** **Canada.**

THORN, H. T., Rollag, Clay Co. *Min., Anth., Arch.** **Minn.**

THORP, A. L., M.D., Marcellus. *Biol., Emb., Arch.* **Mich.**

THORP, R. L., Little Prairie, Cass Co. *Geol.* C. Ex. **Mich.**

THUM, H., Grand Rapids. *Mic., Sanatarian, Pharmaceutical Chemist.** **Mich.**

THUM, MANDEVILLE, Louisville. *Mic., Chem.** **Ky.**

THURBER, FRANK W., Woonsocket. *Min.* C. Ex. **R.I.**

THURBER, GEORGE, M.D., 751 Broadway, New York. *Bot., especially Grasses.* C. Ex. for grasses. **N.Y.**

THURSTON, JOHN H., Cambridge. *Mic.* C. Ex.* **Mass.**

THURSTON, ROBERT H., Prof. Stevens Inst. Tech., Hoboken. *Mechanical Engineering.** **N.J.**

TIFFANY, ASA S., 901 W. 5th St., Davenport. *Geol., Palæo., Eth.* C. Good fossils correctly named for ex.* **Ia.**

TILEMANN, J., N. Argentine. *Chem., Met.* **Kan.**

TILLMAN, SAMUEL E., Prof. Chem., Min., and Geol., U.S. Military Acad., West Point. *Phys.** **N.Y.**

TILLOTTSON, H. Z., C.E., Marshall. *Orn.* C. **Mich.**

TINGLEY, JOSEPH, Ph.D., Prof. Nat. Sci., Danville. *Phys.* C. Sub-carboniferous to ex. for minerals. Fragments of meteorite of Dec. 26, 1876, for sale or ex. **Ind.**

TINKHAM, CHARLES, Quechee, Windsor Co. *Min., Ool., Ent.* C. Ex. **Vt.**

TIVY, W. H., 6th and Olive Sts., St. Louis. *Mic.* C. Ex. Well-mounted diatoms for good slides.* **Mo.**

TOBIN, THOMAS WILLIAM, Prof. of Physics and Chem., Polytechnic Soc., Louisville. *Geol., Chem., Mic., Meteo., Ast., Min.** **Ky.**

TODD, AURELIUS, Coquille City, Coos County. *Orn., Ool., Ent., Mam, Min., Tax.* C. General collector in all branches. Has large stock on hand of choice specimens only, for sale in large or small lots. Will exchange for books and publications and a good microscope. Price list sent on application.* **Ore.**

TODD, DAVID H., Kansas City. *Palæo., Crustacea, Radiata, Crinoidea, Peterpodes, etc.* C. Ex. Home and Foreign correspondence solicited.* **Mo.**

TODD, D. P., Director Lawrence Observatory, Amherst Coll., Amherst, Mass., Nautical Almanac Office, Washington. *Ast** **D.C.**

TODD, J. E., Prof. Nat. Sci., Tabor Coll, Tabor. *Quaternary Geol., Moll., Forms of Flowers.** **Ia.**

TOLLES, ROBERT B., 40 Hanover St., Boston. *Manufacturer of Optical Instruments.** **Mass.**

TOLMAN, ADAMS, Concord. *Coleopt.* C. Ex.* **Mass.**

TONER, J. M., M.D., Washington. *Anth.** **D.C.**

TONEY, Rev. THOMAS, A.M., M.D., Fredonia, Wilson Co. *Math.* **Kan.**

TOOKER, WILLIAM WALLACE, Sag Harbor. *Eth., Arch.* C.* **N.Y.**

TORONTO, JOSEPH B., Univ. of Deseret, Salt Lake City. *Math., Nat. Sci.* **Utah.**

TORR, J. M., Greencastle, Putnam Co. *Geol., Min., Arch.* C. Ex. **Ind.**

TORREY, BRADFORD, 1 Somerset St., Boston. *Bot., Orn.** **Mass.**

TOUDOUZE, GUSTAVE, Taxidermist, Layosa P. O., Bexar Co. *Orn., Tax.* C. Ex. Only perfect and well-preserved specimens. **Texas.**

TOWLER, JOHN, M.D., Emer. Prof. Chem., Syracuse Univ., Syracuse. N.Y.

TOWNSEND, A. C., 431 Main St., Springfield. *Min.* C. Ex. Large coll. of duplicates.* Mass.

TOWNSEND, CHARLES H., Acad. Nat. Sciences, Philadelphia. *Gen. Nat. Hist., Orn.* C.* Penn.

TOWNSEND, J. L., Payson, Utah Co. *Orn.* C. Utah.

TOWNSHEND, N. S., M.D., State Univ., Columbus. *Bot.* C.* Ohio.

TRACY, CLAYTON, Sterling, Whiteside Co. *Min.* Ill.

TRACY, CHARLES O., Taftsville, Windsor Co. *Con., Ool., Orn., Min., Arch., Tax.* Eggs, insects with full data. Coll. of 500 coins to ex. for eggs, scientific books, or cash. C. Ex. Desires shells, esp. Helices, and eggs from all parts of the world.* Vt.

TRACY, CYRUS M., Lynn. *Bot, Min.* C. Mass.

TRACY, Mrs. CLARISSA T., Ripon, Coll., Ripon. *Bot.* Wis.

TRACY, S. M., M.S., Prof. Bot. and Ent., Mo. State Univ., Columbia. *Bot., Ent.* C. Ex.* Mo.

TRAHIN, JOSEPH, Black Creek. *Orn., Bot.** Ohio.

TRAPHAGEN, FRANK W., Ph.B., School of Mines, Columbia College, N.Y. *Palæo., Geol., Mic., Analyt. Chem.* C. Ex.* N.Y.

TRASK, Dr. JAMES B., Astoria. *Fungi.* N.Y.

TREAT, J. A., M.D., Stuart, Guthrie Co. *Chem., Mic., Photog.* C.* Ia.

TREAT, Mrs. MARY, Vineland. *Bot., Ent., Mic.** N.J.

TREGANZA, J. A., Hazel Green. *Tax., Min.* C. Ex. Wis.

TREHERNE, H. SACKVILLE, C.E., 45 W. 10th St., St. Paul. *Ent.: Lepid., Coleopt.* Scientific drawings. Minn.

TRELEASE, WILLIAM, Madison. *Mutual relations of Flowers and Insects, and parasitic fungi.* C. Ex. for material bearing on specialty.* Wis.

TREMPER, R. H., M.D., Albion. *Geol., Arch.* C.* Mich.

TRENHOLME, CHAS. W., Osborne St., Montreal. *Geol., Palæo., Min.* Canada.

TRIECE, W. G., M.D., South Haven. *Ent., Lapidary.** Mich.

TRIMBLE, HENRY, N.W. cor. 5th and Callowhill Sts., Philadelphia. *Analyt. and Tech. Chem.** Penn.

TRIMBLE, WILLIAM, Concordville, Delaware Co. *Mic., Ferns, Phæn. Bot.* C. Ex.* Penn.

TRIPP, HENRY O., 367 High St., Providence. *Min.* C.* R.I.

TRIPPE, T. MARTIN, C.E., Howardsville, San Juan Co. *Orn.* Col.

TROMBLEY, JEROME, Petersburg. *Local Bot., Orn., Ool., Ichth., Con.* C. Ex. Will ex. N.A. birds' eggs for all kinds of Orn. literature, old or new.* Mich.

TROTTER, SPENCER, Acad. Nat. Sci., 19th and Race Sts., Philadelphia. *Orn., Comp. Anat. of Vert.* C. Ex.* Penn.

TROUSLOT, ROLLIN B., Taxidermist, Sandwich. *Orn., Lepid., Coleopt.* C. Ill.

TROUVELOT, G. H. E., 99 Garden St., Cambridge. *Phys.* Mass.

TROUVELOT, L., 99 Garden St., Cambridge. *Ast.** Mass.

TROWBRIDGE, DAVID, A.M., Waterburgh, Tompkins Co. *Ast., Met., Geol., Math.* C.* N.Y.

TROWBRIDGE, E. GILBERT, Waterburgh, Tompkins Co. *Chem., Math.** N.Y.

TROWBRIDGE, SAMUEL H., A.M., Prof. Geol. and Nat. Hist., Pritchett Inst., Glasgow. *Geol., Ent.* C. Have for ex. fossils, insects, rocks, minerals, Indian implements.* Mo.

TROXLER, C., Sr., 363 E. Market St., Louisville. *Coleopt., Lepid.* C.* Ky.

TRUESDALE, W. H., Jamestown. *Mic.** N.Y.

TRUESDELL, V., Minneapolis. *Min., Geol., Orn.** Minn.

TRUSLER, M., Blooming Grove, Franklin Co. *Arch.* C. Ex. Ind.

TRYON, A. WALTER, M.D., Lockport. *Con., specialty Bot., Palæo.* C. Type spec. of fossils, mins., and living spec. of this locality for ex.* N.Y.

TRYON, GEORGE W., Jr., Conservator of Conchological Museum, Acad. Nat. Sci., Philadelphia. *Con.** Penn.

TUCKER, GILBERT M., Albany. *Lexicog.** N.Y.

TUCKER, RICHARD H., Jr., C.E., Dudley Obs., Albany. *Ast.** N.Y.

TUCKER, WILLIS G., M.D., Prof. Inorg. and Analyt. Chem. and Med. Jurisprudence, Albany Med. Coll. *Chem.** N.Y.

TUCKERMAN, Prof. L. B., E. Cleveland. *Mic.** Ohio.

TUCKERMANN, Prof. EDW., Amherst Coll., Amherst. Mass.

TUNE, W. R., Shelbyville. *Min., Geol., Ool.* Tenn.

TURNER, FRED., Des Moines. *Orn.* Ia.

TURNER, HENRY H., 126 E. Main St., Rochester. *Ast.** N.Y.

TURNER, HENRY W., Asst. U.S. Geol. Surv., 1327 N. St., N.W., Washington. *Gen. Biol., Amphibians, Ent.* C.* D.C.

TURNER, LUCIEN M., Mt. Carmel. *Eth., Arch., Philol., Orn.* C. Ex. (Now in Labrador.)* Ill.

TURNURE, MILTON, M.D., Tenafly. *Mic., Vert.* Ex.* N.J.

TUSTIN, Prof. F. W., Ph.D., Univ., Lewisburgh.* Penn.

TUTTLE, ALBERT H., Prof. Zool., State Univ., Columbus. *Mic., Gen. Biol., Histol., Myriopoda, Protozoa.** Ohio.

TUTTLE, E. O, Bristol. *Tax., Min., Orn.* C. Ex. Would like to ex. birds for a miscroscope.* Vt.

TWEDDLE, G., Box 101, Albany. *Bot., Hort., Palæo., Ent.*, C. N.Y.

TWEDDLE, JOHN B., Box 101, Albany. *Bot., Hort., Palæo., Ent.* C. N.Y.

TWEEDY, FRANK, C.E., Plainfield. *Phæn. Bot., Ferns.* C. Ex. N.J.

TYLER, JOHN M., Amherst Coll., Amherst. *Biol., Zool., Bot.* Mass.

TYRRELL, J. B., B.A., F.G.S., Geol. Survey, Ottawa, Ont. *Arch., Acaridæ, Myriapoda, Crustacea.** Canada.

TYSON, JAMES, M.D., 1506 Spruce St., Philadelphia. *Pathol., Anat., and Histol.* C.* Penn.

TYSON, SAMUEL, King of Prussia, Montgomery Co. *Min.* C. Ex. Penn.

U.

UHLER, PHILIP R., Baltimore. *Geol., Hemipt., Crayfish.* C. Ex.* Md.

ULKE, HENRY, 411 15th St., N. W., Washington. *Coleopt. of temperate and Arctic Am.* C.* D.C.

ULRICH, E. O., 108 Broadway, Cincinnati. *Invert. Palæo., Zoophyta, Bryozoa, Radiata.* C. Ex. Ohio.

UMBACH, L. M., Naperville, Du Page Co. *Palæo., Geol., Min.* C. Ex. Spec., Mason Creek fossil ferns.* Ill.

UNAUGST, E. P., Lincoln. *Phæn. Bot., Ferns, Mosses.* C. Ex.* Neb.

UNDERWOOD, H. G., 66 Wisconsin St., Milwaukee. *Chemical and other Patents procured.** Wis.

UNDERWOOD, LUCIEN M., Ph.D., Prof. Geol. and Bot., Ill. Wesleyan Univ., Bloomington. *Bot.* C. Ferns and other Pteridophyta, Musci, and Hepaticæ for ex.* Ill.

UP DE GRAFF, THAD. S., M.D., Elmira. *Mic.* C. Ex. *Vegetable and Animal Sections, Diatoms.** N.Y.

UPHAM, WARREN, Asst. on Geol. Surveys of N. H. and Minn., Nashua. *Geol., Glacial and recent.** N.H.

UPSON, J. B., Lockford. *Palæo., L. and F. W. and Fla. shells.* C. Ex.* Ill.

UPTON, Prof. WINSLOW, Washburn Univ., Madison. *Ast.* Wis.

V.

VAIL, BEN., Jr., Washington. *Geol., Min.* C. Ex. **D.C.**

VALENTINE, H. E., P.O. Box 2792, Boston. *Ent.** **Mass.**

VALIANT, W. S., Rome. *Arch., Min., Geol.* C. Ex.* **N.Y.**

VALLANDINGHAM, GEORGE W., 420 Baymiller St., Cincinnati. *Palæo.* **Ohio.**

VAN AKEN, A. G., A.M., New Brunswick. *Bot., Mammals, Orn., Ool.** **N.J.**

VAN ALLEN, T. F. C., Adams' Station, Albany Co. *Ent., Mic., Pathol.* C. Slides in specialties for ex.* **N.Y.**

VAN BRUNT, C., Poughkeepsie. *Mic.* C. Ex.*. **N.Y.**

VANCE, R. A., M.D., 101 W. 9th St., Cincinnati. *Crypt. Bot., Mic., Comp. Anat.* **Ohio.**

VAN CRUYNINGHAM, D., Macedon, Wayne Co. *Bot., Mic.* C. Ex. **N.Y.**

VAN DENBURG, M. W., A.M., M.D., Fort Edward, Wash. Co. *Bot., Orn.** **N.Y.**

VANDERPOEL, Prof. LEW., Ph.D., Nivervillc. *Geol., Meteo., Ast., Bibliog., Geog. Dist., Anth., Arch., Eth., Ethnog., Philol., Orn., Ool., Tax.* C. Ex.* **N.Y.**

VAN DER VEER, A., M.D., Ph.D., Cor. State and Eagle Sts., Prof. Albany Med. Coll., Albany. *Mic., Pathol.* C.* **N.Y.**

VAN DER WEYDE, P. H., M.D., 236 Dufficld St., Brooklyn. *Physics, Chem., Elect., Crystal., Mic., Photog., Diatoms, Infusoria.* C. **N.Y.**

VAN DUZEE, EDWARD P., Lancaster, Erie Co. *Bot., Geol., Meteo., Ent.* C. Ex. in Ent.* **N.Y.**

VAN DUZEE, M. C., Lancaster, Erie Co. *Bot., Orn., Ent.* C.* **N.Y.**

VAN DUZEE, Prof. WM. S., Lancaster, Erie Co. *Ast., Gen. Nat. Sci.* C. Ex.* **N.Y.**

VAN DYCK, Prof. F. C., Rutgers Coll., New Brunswick. *Mic.** **N.J.**

VAN HORNE, W. C., 1149 Dorchester St., Montreal *Palæo.** **Canada.**

VAN NUYS, THOMAS C., M.D., Prof. Chem., Ind. Univ., Indianapolis. **Ind.**

VAN RENSSELAER, H., 98 Columbia St., Albany. *Arachnida.** **N.Y.**

VAN SLYKE, E., M.D., 320 So. Pearl St., Albany. *Mic.* C.* **N.Y.**

VAN SLYKE, LUCIUS L., A.M., Asst. Chem. Lab., Univ. of Mich., Ann Arbor. **Mich.**

VAN VLECK, BALFOUR H., B.S.N.H., Boston. *Comp. Anat.* C.* **Mass.**

VAN WINKLE, A. S., Keota, Keokuk Co. *Ent., Gall Insects a specialty, Radiates, Bot.* C.* **Ia.**

VARDON, MAURICE, M., Box 219, Toronto. *Ent.* C. **Canada.**

VARNUM, C. EDDY, Atco. *Ool.* C. Ex.* **N.J.**

VASEY, GEORGE, M.D., Botanist, Dept. Agriculture, Washington. *Bot.*, especially *Graminea.** **D.C.**

VAUGHAN, VICTOR C., M.D., Ph.D., Lect. Med. Chem., Univ. Mich., Ann Arbor. *Phys., Chem.* C. Ex. mounted Mic. specimens of constituents of various secretions and excretions of the body for other specimens of equal value. **Mich.**

VAUPEL, ERNST H., 368 Cutter St., Cincinnati. *Palæo.* Corals and Bryozoa a speciality, including microscopic sections of same. Will sell or ex for literature of C. and Bry. C.* **Ohio.**

VEATCH, FRED., Keytesville. *Coleoptera.* C. Ex. **Mo.**

VEEDER, M. A., A.M., Lyons, Wayne Co. *Nat. Hist., Histol.* C. Ex. Stained sections and veg. tissues.* **N.Y.**

VELIE, J. W., Sec. and Cur. Chicago Acad. of Sci., 263 Wabash Ave., Chicago. *Orn., Con.* C.* **Ill.**

VENABLE, F. P., Ph.D., Prof. Chem., Chapel Hill. *Chem.** **N.C.**

VENNOR, HENRY G., F.G.S., Montreal. *Orn., Geol., Min., Geog. Dist.* C.* Canada.
VERRILL, A. E., Prof. Zool., Yale Coll., New Haven. *Gen. Biol., Geol., Annelida, Moll., Radiates.* Conn.
VERY, SAMUEL W., Lieut. U.S. Navy, Buffalo. *Ast.* N.Y.
VICKERY, Miss HELEN P., Weymouth. *Mic.* (In Europe).* Mass.
VIELE, E. L., Riverside Ave. and 88th St., New York. *Bot., Horticulture, Min., Mic., Protozoa, Infusoria.* C. Ex.* N.Y.
VOGDES, A. W., 1st Lieut. 5th Art'y, Fort Monroe. *Palæo., Arch.** Va.
VOLKERT, JULIUS H., Benton, Mono Co. *Min.* C. Cal.
VOORHEES, Miss BELLE, Daggett's Mills, Tioga Co. *Gen. Zool.* C. Ex.* Penn.
VOORHEES, CHARLES H., M.D., New Brunswick, *Nat. Hist., Palæo.* N.J.
VOORHEES, HERMAN, Syracuse. *Geol., Vert., Mam., Orn., Reptiles, Crustacea, Worms, Radiates.* C. N.Y.
VORCE, C, M., 164 Lake St., Cleveland. *Ent., Con., Moll., Mic.* C. Ex.* Ohio.
VOSBURGH, I. H. H., Little Falls. *Min., Crystal.* C. Ex. Herkimer Co. Quartz Crystals.* N.Y.
VROOM, JAMES, Saint Stephen, N.B. *Phæn. Bot.* C.* Canada.

W.

WACHSMUTH, CHARLES, 111 Marietta St., Burlington. *Palæo, Crinoids, and Fossil fishes.* C. Ex. Crinoids only.* Ia.
WADE, JOS. M., Norwich, publisher Ornithologist and Oologist. *Orn., Ool.* C.* Conn.
WADGYMAR, ARTHUR, M.D., Prof. Chem. and Bot., San Antonio. *Bot., Chem., Ent., Mic.* C. Ex. for first-class specimens. Tax. spec. to ex. for works in Nat. Sci.* Texas.
WADHAM, JAMES EDWARD, San Diego. *Gen. Nat. Hist.** Cal.
WADSWORTH, F., Keene. *Orn., Bot.* C.* N.H.
WADSWORTH, FRANCIS L., M.D., 131 Dearborn Ave., Chicago. *Mic.** Ill.
WADSWORTH, Dr. F. L., Prof. Physiol., 131 Dearborn Ave., Chicago. *Mic.* C.* Ill.
WADSWORTH, M. E., Ph.D., Asst. Mus. Comp. Zool., Cambridge. *Geol., Lithol, Min.* C.* Mass.
WADSWORTH, SAMUEL, Keene. *Orn., Mic.* C.* N.H.
WADSWORTH, S. B., Oregon, Ogle Co. *Bot.* C. Ex. Local plants.* Ill.
WAIT, CHARLES E., C.E., M.E., Dir. Mo. School of Mines and Met., Rolla. *Analyt. Chem., Met.** Mo.
WAIT, S. E., Traverse City.* Mich.
WALBRIDGE, O. D. Member Ottawa Acad. Sci., Marseilles. *Fossil flora and insects* in ex. for crystals, stone, and flint tools. Ill.
WALCOTT, C. D., U.S. Geol. Surv., Washington. *Geol.* D.C.
WALDO, C. A., Middletown. (In Germany.) *Min., Palæo.* C. Ex. Conn.
WALDO, FRANK, S.B., Army Signal Office, Washington. *Ast., Meteo.** D.C.
WALDO, GERALD, Scotland. *Phæn. Bot., Ferns.* C. Ex.* Conn.
WALDO, LEONARD, Yale College Obs., New Haven. *Ast.** Conn.
WALE, GEORGE, Montclair, Essex Co. Maker of Microscopes.* N.J.
WALES, Rev. F. H., Tulare, Tulare Co. *Min.* C. Ex.* Cal.
WALKER, CHARLES, A, 42 Court St., Boston. *Nat. Hist. Draughtsman.* Mass.

WALKER, Miss CORNELIA, San José. *Marine Zool.* C. Ex.* **Cal.**
WALKER, BRYANT, 18 Moffat Block, Detroit. *Con.* C. Ex.* **Mich.**
WALKER., B. E , 16 Exchange Place, New York. *Palæo.* C.* **N.Y.**
WALKER, E. C., Hamilton, Ontario. *Geol., Palæo.* **Canada.**
WALKER, EDW., M.D., Evansville. *Neurology.* **Ind.**
WALKER, GEO. S., M.D., 2809 Washington Ave., St. Louis. *Gen. Nat. Hist.* C. **Mo.**
WALKER, GODFREY, M.D., Rochester. *Mic., Infusoria.** **N.Y.**
WALKER, J. B , Pres. Am. Ind. Coll., 231 11th St., Louisville. *Geol.* C. Ex. **Ky.**
WALKER, J. R., D.D.S., 154 Canal St., New Orleans. *Geol., Physiol.** **La.**
WALKER, MATTHEW, Barre. *Geol., Phys., Chem., Min., Crystal., Lithol.* C. Ex.* **Mass.**
WALKER, N. B., Lotos Club, Fifth Ave., cor. 21st St., New York. *Zool., Min. Met., Mining.* C. **N.Y.**
WALKER, Rev. WM. BOGERT., Herkimer, Herkimer Co. *Palæo., Min.* C. Ex.* **N.Y.**
WALKER, W. C., Utica. *Diatoms, Min., Mic.** **N.Y.**
WALKER, WILLIAM H., L.B. 200, Rochester. *Manufacturers of Amateur Photograph Apparatus.** **N.Y.**
WALKLEY, FANNIE S., Plantsville. *Lepid., Coleopt.* C. Desires Lepid. not found in Conn.* **Conn.**
WALLACE, EDWIN R., 43 Burnet St., Syracuse. *Geol., Min., Bot., Reptiles, Ichth.* C. Ex. **N.Y.**
WALL, JOHN L., 338 Sixth Ave., New York. *Bot., Mic.* C.* **N.Y.**
WALL, O. A., M.D., Ph.G., 2113 Columbus St., St. Louis. *Mic., Spec. Pharmacognosy.* C. Ex. slides of drugs and bot. spec. for other mounted slides.* **Mo.**
WALLACE, I. W., Concord, Knox Co. *Orn., Ool.* C. Nests and eggs of humming-birds a speciality, always on hand. Ex. **Tenn.**
WALLACE, SHIPPEN, Analyt. and Consulting Chem., 113 Walnut St , Philadelphia. *Chem.* Member of Council of Public Analysts of New Jersey.* **Penn.**
WALLER, ELWYN, Ph.D., School of Mines, Columbia Coll., New York. *Chem., Filices.* C.* **N.Y.**
WALLING, HENRY F., Asst. U.S. Coast and Geodetic Survey, Washington. *Hypsometry, Struct. Geol.** **D.C.**
WALMSLEY, WILLIAM H., 1016 Chestnut St., Philadelphia. *Mic.** **Penn.**
WALTON, Miss ALICE B., Muscatine. *Ent.* C. **Ia.**
WALTON, Miss EVELYN M., S.B., Asst. Chem. and Biol., Mass. Inst. Tech. Boston. **Mass.**
WALTON, JOHN, 62 State St., Rochester. *Con., Orn.* C. Ex. **N.Y.**
WALTON, JOSIAH P., Muscatine. *Met.* **Ia.**
WALTON, Miss LILLIE P., Muscatine. *Ent.* C. **Ia.**
WALWORTH, A. W., Collamer. *Ool , Tax.* C. Ex.* **Ohio.**
WARD, G. J., M.D., St. Clair. *Chem., Biol.* C. Ex. **Mich.**
WARD, HENRY A., A.M., F.Z.S., F.G.S., Ward's Nat. Sci. Establishment, Rochester. *Min., Geol., Zool., Arch.* C.* **N.Y.**
WARD, JAMES W., Grosvenor Library, Buffalo. *Mic., Ast., Bot.* C. Ex. dried plants for minerals, books, etc.* **N.Y.**
WARD, LESTER F., A M., 1464 Rhode Island Ave., Washington. *Bot., Veg. Palæo., Gen. Biol.* C. Ex.* **D.C.**
WARD, R. H., M.D., F.R.M.S., Prof. of Botany, Rensselaer Polytechnic Inst., 53 Fourth St., Troy. *Mic., Gen. Biol.* C. **N.Y.**
WARD, Rev. WILLIAM HAYES, D.D., "The Independent," New York. *Bot.** **N.Y.**
WARDER, J. A., M.D , North Bend. *Nat. Hist., Forest Bot.* C.* **Ohio.**

WARDER, ROBERT B., North Bend, Hamilton Co. *Chemistry, Physics.** Ohio.
WARE, EZRA J., Grand Rapids. *Mic.** Mich.
WARING, GEORGE E., Jr., C.E., Newport R. I. *Sanitary Engineer.** R.I.
WARNE, H. A., Oneida, Madison Co. *Bot., Fungi, Algæ, Zool., Mic.* C.* N.Y.
WARNER, H. C., Clermont. *Zool., Geol., Ent., Con.* C. Ex. Ia.
WARNER, Miss H. F., 95 Fort St., West Detroit. *Mic.** Mich.
WARNER, OBADIAH M., 639 Mulberry St., Reading. *Min., Chem.* C. Ex. Penn.
WARNOCK, JAMES, cor. Warren and Church Sts., New York. *Mic.** N.Y.
WARREN, B. HARRY, Box 148, West Chester. *Orn.* C. Ex. Penn.
WARREN, GEO. W., Ferndale, Humboldt Co. *Bot.* C. Cal.
WARREN, GOUVERNEUR K., Corps of Engineers, U.S. Army, Newport. *Physical Geog.** R.I.
WARREN, H. M., Box 2704, Philadelphia. *Orn.* C. Ex.* Penn.
WARREN, J. E., 88 Griswold St., Detroit. *Ent.: Lepid.* C. Ex.* Mich.
WARREN, JESSE, Box 2704, Philadelphia. *Orn., Ool.* C. Ex.* Penn.
WARREN, MARY E., P.O. Box 1021, Lockport. *Fossil and Recent Shells, Min.* C. Ex. for spec. from other localities.* N.Y.
WARRELL, M. J., South Bend. *Orn., Tax.* C. Ex. for birds of Texas, Fla., and Miss. Ind.
WARRING, CHAS. B., Ph.D., Poughkeepsie. *Cosmology.** N.Y.
WASHBURN, F. L., Needham. *Orn.* C. Ex. Mass.
WASHBURN, R. R., M.D., Waldron, Shelby Co. *Geol.* C. Niagara fossils for ex. Ind.
WATERHOUSE, A., M.D., Jamestown. *Mic., Bot., Ent.* C.* N.Y.
WATERMAN, J. F., Plymouth. *Min., Palæo., Con., Arch.* C. Ex. Vt.
WATERMAN, JOHN R., Box 300, Woonsocket. *Min., Geol., Palæo.* C. Minerals from the noted Cumberland locality.* R.I.
WATERMAN, S. C., 156 Elm St., Albany. *Ent.: Lepid.* C. Ex. Cotocala desired.* N.Y.
WATERMAN, THOMAS, A.M., M.D., 146 Boylston St., Boston. *Comp. Anat. and Phys.** Mass.
WATERMAN, WILLIAM H., New Bedford. *Geol., Min.* C. Ex. Specimens good size, massive or crystallized.* Mass.
WATERS, CHARLES H., Room 13, 23 Court St., Boston. *Applied Mechanics.* Mass.
WATERS, DUDLEY E., Oakhurst, Grand Rapids. *Mic., Zool. Vert., Orn., Articulates.** Mich.
WATSON, B. A., M.D., 124 York St., Jersey City. *Bibliog., Gen. Biol.* C. Ex.* N.J.
WATSON, BENJAMIN M., Jr., A.B., Instructor in Horticulture, Bussey Inst. (Harvard Coll.), Jamaica Plain. *Bot., Hort., Agric.* Mass.
WATSON, JAMES S., N. Clinton St., Rochester. *Orn., Mic.* C. N.Y.
WATSON, LOUIS, M.D., Ellis. *Bot., Gen. Nat. Hist.* Will collect to order.* Kan.
WATSON, Miss ROSA B., East Windsor Hill. *Bot.* C. Ex.* Conn.
WATSON, R. J., Lodemia. *Bot.* Ill.
WATSON, SERENO, Curator Harvard Herbarium, Cambridge. *Bot.** Mass.
WATSON, WALTER D. G., Rome. *Min.* C. Ex.* N.Y.
WATT, DAVID A. P., Montreal. *Bot.: Acrogens.* C. Desires Cal. species.* Canada.
WATTERS, HENRY, 76 Rideau St., Ottawa, Ont. *Bot., Min.* C. Ex. Canada.
WAYNE, Prof. EDWARD S., M.D., Cincinnati. *Min.* C. Ex. Ohio.
WEAD, CHARLES K., Prof. Physics, Univ. of Mich., Ann Arbor.* Mich.

WEBB, BENJAMIN, Salem. *Mic.** Mass.
WEBB, Rev. FREDERICK T., Council Bluffs. *Curator Acad. Sciences.** Ia.
WEBB, HUGH L., Richmond. *Palæo., Geol.* C. Ex. Ind.
WEBB, Prof. JOHN BURKITT, C.E., Cornell Univ., Ithaca. *Physics, Elect.** N.Y.
WEBB, S. A., East 4th and Utica Sts., Oswego. *Mic.* N.Y.
WEBER, HENRY A., Ph.D., Urbana. *Chem.* Ill.
WEBER, H. K., Springfield.* Ill.
WEBBER, F. W., M.D., Centre St., Newton. *Ool.* C. Ex. Mass.
WEBBER, WILLIAM O., Supt. Allen Paper Car Wheel Co., Pullman. *Min.* C. Ex. Geodes, Beryl, Stanrolites, and Western mins. for other mins. only. Ill.
WEBSTER, CHARLES E., Binghamton. *Ent.* N.Y.
WEBSTER, FRANK B., Pawtucket. *Orn., Ool., Mam., Tax.* C. Ex.* R.I.
WEBSTER, F. M., State Laboratory, Normal. *Ent.: Coleoptera of N. A.* C. Ex. Desires correspondence relating to food habits of beetles.* Ill.
WEBSTER, FREDERIC S., 112 University Ave., Rochester. *Orn., Tax.** N.Y.
WEBSTER, H. E., Prof. Nat. Hist., Union Coll., Schenectady. *Annelida, Chætopoda.** N.Y.
WEBSTER, J. N., D.D.S., Norfolk. *Chem** Va.
WEBSTER, Prof. N. B., A.M., Prof. Webster Scientific and Literary Inst., Norfolk. *Chem., Phys., Met., Min., Bot.* C. Ex.* Va.
WEBSTER, PETER G., Fort Plain. *Geol.** N.Y.
WEED, CLARENCE M., Lansing. *Ent.* C. Ex.* Mich.
WEED, WALTER H., 204 Putnam Ave., Brooklyn. *Bot, Ferns, Algæ, Min., Met.* C. Ex.* N.Y.
WEGENER, HENRY F., M.D., 262 South 10th St., Denver. *Geol., Min.* C. Ex.* Col.
WEHLE, JOHN, cor. Front and Mumford Sts., Rochester. *Mic.* C. Ex. recent diatomaceæ. N.Y.
WEISSE, Prof. FANEUIL D., M.D., Med. Dept., University of the City of New York, 410 E. 26th St., New York. *Anth.* C. Ex. N.Y.
WELCH, L. B., M.D., Wilmington. *Palæo., Min., Con.* Ohio.
WELD, CLIFFORD R., 68 Moreland St., Roxbury. *Orn., Hort.* Mass.
WELD, M. W., M.D., 23 Worcester St., Boston. *General.* C. Mass.
WELLENDORFF, Dr. L., San Francisco. *Con.* Cal.
WELLES, CHAS. S., Elwyn, Delaware Co. *Lepid.* C. Ex.* Penn.
WELLES, GEORGE P., 117 So. Clark St., Chicago. *Coleopt.* C. Ex. Pacific Coast specimens desired. Ill.
WELLINGTON, CHARLES, 784 Abbott St., Detroit. *Mic.* Mich.
WELLINGTON, C. W. W., Hyde Park. *Geol., Min., Palæo.* C. Ex. Mass.
WELLS, B. HUGHES, M.D., 20 West 45th St., New York. *Geol., Min., Mic., Emb.* C. Ex.* N.Y.
WELLS, CHAS. S., Dudley Obs., Albany. *Ast.** N.Y.
WELLS, E. H. A.M., M.D., Meshoppen, Wyoming Co.* Penn.
WELLS, FRED., P.O. Box 1932, Battle Creek. *Orn., Tax.* C. Ex.* Mich.
WELLS, SAMUEL, 31 Pemberton Square, Boston. *Min., Diatoms, Photog.* Mass.
WELLS, WILLIAM L., M.D., 216 So. 9th St., Philadelphia. *Anth.** Penn.
WELTY, H. G., Supt. of Schools, Marion. *Mineralogy.* C. Ohio.
WENDELL, O. C., Asst. Harvard Coll. Obs., Cambridge. *Ast.* Mass.
WENTWORTH, G. B., 258 Main St., Hartford. *Lepid.* C. Conn.

WENZEL, H. W., 710 McKean St., Philadelphia. *Ent.: Coleopt. of U. S.* C. Ex. **Penn.**

WENZEL, W. F., 32 N. Front St., Wilmington. *Ent.: Coleopt.* C. Ex. for N. A. specimens.* **N.C.**

WERNER, W. H., South Bethlehem. *Tax., Orn.* **Penn.**

WEST, FRANK E., Winchester. *Phæn. Bot., Ferns.** **Mass.**

WEST, J. H., Closter. *Phæn. Bot., Ferns, Crystal., Orn.* C. **N.J.**

WESTCOTT, O. S., Racine. *Ent., Mic.* C. Ex.* **Wis.**

WESTERVELT, Rev. W. D., Denver. *Min.* C. Ex.* **Col.**

WESTON, EDWARD, Chemist and Electrician, Newark. *Diatoms, Chem., Met., Elect., Mic., Photog., Bibliog.* C. Ex.* **N.J.**

WESTON, EDW. B., A.M., M.D., Highland Park, Lake Co. *Bot., Orn.* C. **Ill.**

WESTON, EUGENE, Cañon City, Fremont Co. *Geol., Min., Palæo.* C. Ex. Cabinets and Col. specialties supplied. **Col.**

WETHERBEE, I. J., D.D.S., Boston. *Mic.** **Mass.**

WETHERBY, Prof. A. G., Cincinnati. *Geol., Ent., Con., Bot.* C. Duplicate fossils of Cin. group, L. and F. W. shells of Southern States, Desiderata, L. and F. W. shells, Fossils, Orchids, and Ferns. Has all the latest spec. N.A.L. shells in duplicate.* **Ohio.**

WETMORE, E. W., High School, Detroit. *Optics.* **Mich.**

WETTSTEIN, G. A., Negaunee, Marquette Co. *Min., Geol., Archean rocks.* C. Ex. Sell Lake Superior minerals. Will send choice Iron, Copper, and other minerals. **Mich.**

WEYBURN, L. A., Rockford. *Geol.* C. Ex.* **Ill.**

WHARTON, JOSEPH, Box 2786, Philadelphia, *Metallurgy.** **Penn.**

WHARTON, WILLIAM R., Germantown, Philadelphia. *Nat. Hist., Spec. Ool.* C. Ex.* **Penn.**

WHEATLAND, H., M.D., Pres. Essex Inst., Salem. *Comp. Anat.* **Mass.**

WHEATON, J. M., M.D., 50 So. 4th St, Columbus. *Orn., Diurnal Lepid.* C. Ex. **Ohio.**

WHELAN, CARRIE A., 311 Fourth St., Oakland. *Coleopt.* C. Ex.* **Cal.**

WHEELER, A. R., M.D., Ann Arbor. *Bot.* C. Ex.* **Mich.**

WHEELER, C. F., Hubbardston. *Bot.: Cyperaceæ, Gramineæ.* C. Ex.* **Mich.**

WHEELER, C. GILBERT, Prof. Chem., 81 Clark St., Chicago. *Chem., Min.* C. Ex. for rare minerals.* **Ill.**

WHEELER, ERASTUS S., Berlin. *Bot.: Grasses, Ferns, Musci, Hort.* C. Ex. List free.* **Mass.**

WHEELER, Capt. GEORGE M., Corps of Engineers, U.S. Geographical Surveys, W. of 109th meridian, L.B. 93, Washington.* **D.C.**

WHEELER, H. A., 64 Commercial St., Boston, *Orn.* C.* **Mass.**

WHEELER, IVAN, Grinnell. *Ool., Orn., Numismatics.* C.* **Ia.**

WHEELER, JOHN B., East Templeton. *Tax., Gen. Nat. Hist.* C. Ex. fine specimens of all kinds for mounted Birds or other fine spec. Desire Arch. spec.* **Mass.**

WHEELER, LOTTIE B., 161 3d St., Oakland. *Coleopt.* C. Ex.* **Cal.**

WHEELER, ORLANDO B., Asst. Engineer, U.S. Lake Survey, 194 Clifford St., Detroit. *Ast.** **Mich.**

WHEELER, S. J., 81 Clark St., Chicago. *Min.** **Ill.**

WHEELER, WILLIAM M., 590 Island Ave., Milwaukee. *Zool., Ent.: Coleopt.* C. Ex. **Wis.**

WHEELOCK, GEORGE A., Keene. *Crypt. Bot., Ent.** **N.H.**

WHERRELL, JOHN, Paola. *Bot.* C. **Kan.**

WHIPPLE, E., Reed's Ferry. *Zool.* C. Ex. mins., etc.* **N.H.**

WHIPPLE, H. L., care of Murphy, Grant & Co., San Francisco. *Coleopt.* **Cal.**

WHIPPLE, JENNIE MAY, Box 1143, Norwich. *Orn, Ool.* C. Ex.* **Conn.**

WHIPPLE, WARREN A., Diamond Hill. *Geol., Min.* C. Ex. **R.I.**
WHITALL, HENRY, Phillipsburg. *Ast., Geog., Planispheres, Heliotelles.* C. Ex. **N.J.**
WHITCOMB, ANSEL H., Lawrence. *Geol.** **Kan.**
WHITE, AUG. J., 2401 Wabash Ave., Chicago. *Orn., Ool.* C. Ex. local birds for others. **Ill.**
WHITE, Miss CARRIE D., W. F. Seminary, Oxford. *Bot.** **Ohio.**
WHITE, CHARLES A., M.D., Cur. Palæo., U.S., Nat. Mus., Washington. *Geol., Palæo.** **D.C.**
WHITE, C. E., Box 35, Holyoke. *Ent.* Ex. **Mass.**
WHITE, C. K., Woodstock. *Tax., Orn.* **Vt.**
WHITE, DANIEL M., Melrose. *Ent.* **Mass.**
WHITE, H. C., M.D., Prof. Chem., Univ. of Ga., Athens. **Ga.**
WHITE, I. C., Prof. Geol. and Nat. Hist., Univ. W. Va., Morgantown. Asst. Geol. Survey, Penn. *Geol. and Fossil Bot.* C.* **W.Va.**
WHITE, JAMES C., M.D., 10 Park Sq., Boston. *Bot.* C.* **Mass.**
WHITE, JOHN D., Chicopee. *Mic., Ent.* C. Ex. mounted insects for other preparations.* **Mass.**
WHITE, J. FLEMING, U.S. Chemist to Torpedo Station, Newport. *Chem., Met., Phys., Elect.** **R.I.**
WHITE, MOSES C., M.D., Prof. Mic., Yale Coll., New Haven. **Conn.**
WHITE, WM., Lieut.-Col., Ottawa, Ont. *Bot.** **Canada.**
WHITEAVES, J. F., Palæontologist and Asst. Dir. Geol. Surv., Ottawa. *Palæo., Recent Marine Invert.* C.* **Canada.**
WHITEHEAD, WM. A., Newark. **N.J.**
WHITEMORE, WM. T., Fairburg. *Geol., Min., Palæo.* C. Ex. **Ill.**
WHITESIDE, ALBERT, Allensboro. *Bot.* C.* **N.Y.**
WHITESIDES, JENNIE E., Harmonsburg. *Bot.* C. Ex.* **Penn.**
WHITFIELD, Prof. R. P., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York. *Geol., Palæo.* C.* **N.Y.**
WHITING, CHARLES B., Worcester. *Min.* C. **Mass.**
WHITING, SARAH F., Prof. Phys. and Ast., Wellesley Coll., Wellesley. **Mass.**
WHITLEY, JAMES D., M.D., Peterburg. *Zool.* **Ill.**
WHITMAN, G. P., Manchester. *Orn., Ool.** **N.H.**
WHITMAN, P. R., Box 1261, Ann Arbor. *Orn., Ool.* C.* **Mich.**
WHITMAN, WM. B., 1132 Lincoln Ave., Cleveland. *Ool.* C. Ex. **Ohio.**
WHITNEY, Prof. J. D., Cambridge. *Geol.* C. **Mass.**
WHITNEY, JOSEPH T., Leominster. *Min.* C. Ex.* **Mass.**
WHITNEY, SOLON F., Watertown. *Min., Lepid.* C.* **Mass.**
WHITTELSEY, THEO., Box 886, Saratoga Springs. *Orn., Ool.* C. Ex.* **N.Y.**
WHORF, EDW. H., B.R.B. & L.R.R., 350 Atlantic Ave., Boston.* **Mass.**
WHYTE, R. B., 73 Rideau St., Ottawa. *Bot.* C. Ex.* **Canada.**
WIARD, MARTIN S., New Britain. *Mic.* C. Ex. **Conn.**
WIBBE, Rev. J. HERMAN, Ph.D., Oswego. *Bot.* C. Ex.* **N.Y.**
WIDEMIRE, SAMUEL, Grampian Hills, Clearfield Co. *Geol.* **Penn.**
WIDMANN, OTTO, 4024 Carondelet Ave., St. Louis. *Orn.** **Mo.**
WIER, D. B., Lacon, Marshall Co. *Ent., Zool., Orn., Hort., Ichth.* **Ill.**
WIGGIN, FRED. S., Maysville Centre, Aroostook Co. *Phæn. Bot.* **Me.**
WIGHT, SIDNEY B., Member Am. Inst. of Mining Engineers, Detroit. *Min.* C. **Mich.**
WIGHT, WILLIAM H., Taxidermist, Framingham. *Orn., Zool.* C. Ex.* **Mass.**
WIGHTMAN, GEO. F., Civil Engineer, Lacon, Marshall Co. *Geol., Arch.* C. Ex. **Ill.**
WILBER, F. A., B.S., Asst. Chem., Rutgers Coll., New Brunswick. *Analyt. Chem.** **N.J.**

WILBER, G. M., 140 W. 20th St., New York. *Bot., Chem.* C. Ex. for Southern plants.* N.Y.
WILBURN, T. BARTON, M.D., 39 Meigs St., Rochester. *Mic., Bot.* C. N.Y.
WILCOX, JOSEPH, Acad. Nat. Sci., Philadelphia. *Min.* C. Penn.
WILCOX, RALPH M., Gildersleeve's Landing, Middlesex Co. *Orn., Ool.* C. Ex. hawk's eggs, etc.* Conn.
WILDBERGER, Maj. R. H., Memphis. *Agric., Bot., Geol.** Tenn.
WILDE, SAMUEL, Montclair, Essex Co. *Bot., Min., Geol., Ast.* C. Ex.* N.J.
WILDER, BURT G., M.D., Prof. Phys., Comp. Anat. and Zool., Cornell Univ., Ithaca. *Comp. Anat. of Vertebrates.* C. Ex. Amphioxus, or living or alcoholic Menobranchus, for brains and embryos of vertebrates.* N.Y.
WILDER, GRAHAM, Louisville. *Chem., Met., Elect., Photog.** Ky.
WILEY, HARVEY W., Lafayette. *Chem.* Ind.
WILKINSON, E., Jr., 78 W. Bloom St., Mansfield. *Ent.* C. Ex.* Ohio.
WILKINSON, R., Box 1307, Toronto. *Ent.: Lepid.* Canada.
WILLARD, ARTHUR W., 48 State St., Boston. *Ent., Orn.** Mass.
WILLARD, S. L., 27 Oneida St., Utica. *Orn., Ool.* C. N.Y.
WILLARD, S. W., West De Pere. *Orn., Mam.* C.* Wis.
WILLCOX, GEORGE W., 4 Main St., Cincinnati. *Arch., Palæo., Min.* C. Ex.* Ohio.
WILLCOX, H. R., Athens, Clark Co. C. Ex. Mo.
WILLET, JOSEPH E., Prof. Mercer Univ., Macon. *Chem., Nat. Phil., Geol., Ent.* C.* Ga.
WILLETTS, JOSEPH C., Skaneateles, Onondaga Co. *Ichth., Geol.* C. Ex.* N.Y.
WILLEY, HENRY, New Bedford. *Lichens.** Mass.
WILLIAMS, A. C., Chagrin Falls. *Arch., Eth.* C. Ex. Will sell entire coll.* Ohio.
WILLIAMS, A. M., M.D., Meadville. *Mam., Orn.* C. Ex. Penn.
WILLIAMS, Rev. C. FOSTER, Ashwood, Maury Co. *Palæo., Arch.* C. Ex. Tenn.
WILLIAMS, CHARLES H., Winchester Centre. *Orn., Ool.* C. Ex. for first-class well-authenticated specimens only. Conn.
WILLIAMS, CHARLES P., 912 Sansom St., Philadelphia. *Chem.* Penn.
WILLIAMS, D. A., L.B. 951, Newark. *Geol., Palæo., Min.* C. Ex.* Ohio.
WILLIAMS, E. HOWARD, 4458 Main St., Germantown. Philadelphia. *Orn., Ool., Min., Mic.* C.* Penn.
WILLIAMS, EDWARD H., Jr., E.M., A.C., Prof. Mining and Geol., Lehigh Univ., South Bethlehem. Penn.
WILLIAMS, E. T. Mc., Clarksville. *Min., Palæo.* Ohio.
WILLIAMS, F. H., M.D.; L. B. 402, Bristol. *Ent., Indian Relics, Stone, Agric. implements, and fossils.* Ex. insects for fossils and arrows.* Conn.
WILLIAMS, HENRY S., Ph.D., Prof. Palæo., Cornell Univ., Ithaca. *Palæo., Zool., Gen. Biol.* C. Ex.* N.Y.
WILLIAMS, K. A., Jr., 15 Broadway, New York. *Mic.* N.Y.
WILLIAMS, N. H., M.D., Jackson. *Mic.** Mich.
WILLIAMS, N. WARD, Milton. *Con.* Ex. Wis.
WILLIAMS, ROBERT S., Gold Run. *Orn., Bot.* C.* Mont.
WILLIAMS, Prof. S. G., Ph.D., Prof. Geol., Cornell Univ., Ithaca. *Palæo., Geol.* C. Ex.* N.Y.
WILLIAMS, THOMAS M., Adel, Dallas Co. *Ent.** Ia.
WILLIAMS, W. H., M.D., Denver. *Mic.* Col.
WILLIAMS, WILLIAM H., Reading. *Min.* C. Ex. Penn.

WILLIAMS, R., Ottawa, La Salle Co. *Phæn., Bot. Ferns, Palæo.** Ill.

WILLIAMSON, A. W., Prof. Math. Aug. Coll., Rock Island. *Philol. of Sionian Languages.* Wishes correspondence as to similarities of these languages to other groups.* Ill.

WILLIAMSON, CHARLES E., Hooker Station, Fairfield Co. *Geol., Min., Arch., Palæo.* C. Ex. Ohio.

WILLIAMSON, C. W., Napoleon, Henry Co. *Geol., Palæo.* C. Ex. Sil. and Devon. for Rept. and Mammilian age fossils. Ohio.

WILLIAMSON, D. I., Murrysville, Westmoreland Co. *Bot.* C. Ex. plants of W. Penn.* Penn.

WILLIAMSON, JAMES M., Thomson, Carroll Co. *Geol., Min., Arch.* C.* Ill.

WILLIAMSON, JOHN, 63 Market St., Louisville. *Bot., Ferns.* Ky.

WILLIAMSON, Dr. N., New Brunswick. *Mic.* N.J.

WILLIAMSON, R. S., Lieut. Col. U.S. Engineers, San Francisco. *Meteo., Hypsometry.** Cal.

WILLIS, JOHN L. M., M.D., Eliot, York Co. *Geol., Min., Crystal., Arch.* C. Ex.* Me.

WILLIS, Dr. L. M., Charlestown. *Mic.** Mass.

WILLIS, MERRITT, West Farms Station, New York. *Arch., Min.* C. Ex.* N.Y.

WILLIS, OLIVER R., Ph.D., Prin. Alexander Inst., White Plains. *Bot., Physics.* C.* N.Y.

WILLISTON, S. W., A.M., M.D., Peabody Mus., New Haven. *Diptera.* C.* Conn.

WILLMARTH, HARRIET M., Pemberton, Burlington Co. *Bot.* C. Ex. specimens from N. E. and Northern Ill. especially desired.* N.J.

WILLSON, ROBERT W., Asst. Astronomer, Observatory, Yale Coll., 131 Temple St., New Haven. Conn.

WILLYOUNG, ELMER G., 147 Park St., Detroit. *Mic., Infusoria.* C. Ex.* Mich.

WILMOT, W. H., M.D., Lawn Ridge. *Ferns.** Ill.

WILT, CHARLES, 1306 South St., Philadelphia. *Lepid., Coleopt.* C. Ex.* Penn.

WILSON, A. D., Northern Transcontinental Survey, Newport.* R.I.

WILSON, CHARLES H., Rugby, Morgan Co. *Geol., Min., Inorg. Chem., Met., Orn., Lepid.** Tenn.

WILSON, D., Pres. Univ. College, Toronto. *Anth.** Canada.

WILSON, E. B., Johns Hopkins Univ., Baltimore. *Biol.* Md.

WILSON, F. H., Princeton. *Min., Geol.* C. Ex.* N.J.

WILSON, HAROLD B., Ann Arbor. *Coleopt., Mic.* C Ex. Mich.

WILSON, Dr. H. P. C., Baltimore. *Mic.* Md.

WILSON, JAMES, Arkansas City, Pawnee Agency.* Indian Ter.

WILSON, JOHN, 707 Superior St., Toledo. *Bot., Ent., Mic.* Ohio.

WILSON, JAMES F., M.D., Youngstown. *Geol., Min., Mic., Meteo., Tax.* C. Ex. Selemite Crystals from Mahoning Co.* Ohio.

WILSON, THOMAS J., M.D., Auburn. *Orn., Ool.* C. Ex. Desires skins of warblers and humming-birds. N.Y.

WILSON, Prof. T. P., M.D., Ann Arbor. *Comp. Anat.** Mich.

WILSON, Dr. W. P., Botanic Gardens, Cambridge. *Physiological Bot.* Mass.

WINCH, MARTIN, Portland. *Orn.* C. Ex. Ore.

WINCHELL, ALEX., Prof. Geol. and Palæo., Univ. of Mich., Ann Arbor. *Geol., Palæo.* C. Ex.* Mich.

WINCHELL, N. H., State Geologist, Prof. Univ. Minn., Minneapolis. *Geol. Min., Mic., Lithol.* C. Ex. N.J. and Minn. minerals and rock samples.* Minn.

WINDLE, Miss S. C., Stamford. *Ferns.** Conn.

WING, A. R., Fort Edward, Washington Co. *Bot.** N.Y.

WING, Prof. CHARLES H, Mass. Inst. of Tech., Boston. *Chem.** **Mass.**
WINSLOW, CHAS. T., San Francisco. *Con., Orn., Ool.* C. Ex. shells, birds' skins, nests and eggs. **Cal.**
WINSLOW, JASPER C., Danville. *Min.* C. Ex. **Ill.**
WINSLOW, J. E., Virgil. *Bot., Chem.* C. Ex.* **N.Y.**
WINTERS, E. C., Sterling, Whiteside Co. *Arch., Min., Geol.* C. Ex. Geol. spec. for stone implements and pottery. **Ill.**
WITHINGHAM, J. P., Box 2139, New York. *Mic.* **N.Y.**
WITTER, F. M., What Cheer, Keokuk Co. *Con., Lepid.* C. Ex.* **Ia.**
WOLF, JOHN, Canton. *Con., Bot.* C. Ex.* **Ill.**
WOLFE, WALTER M., Montclair, Essex Co. *Bot.* C. Ex. Desires Southern and Canadian exchanges.* **N.J.**
WOLFORD, W. L., Minneapolis. *Orn.** **Minn.**
WOLISTON, ROMANUS T., Bonanza City, Saguache Co. *Assayer, Chemist, Metallurgist, Examiner of Mines.* C.* **Col.**
WOLLE, ALEX., Sr., 2 N. Eutaw St., Baltimore. *Nat. Hist.* C. Ex. Eggs in sets.* **Md.**
WOLLE, FRANCIS, Bethlehem. *F. W. Algæ.* C. Ex.* **Penn.**
WOOD, AUGUSTUS H., Painted Post. *Orn., Mam., Tax.* C. Ex.* **N.Y.**
WOOD, CHARLES H., Augusta. *Geol., Min., Arch., Palæo.* C.* **Ill.**
WOOD, CHARLES M., Box 215, Grand Ledge. *Mic.* **Mich.**
WOOD, CLARENCE E., B.S., Manhattan. *Geol.* C. Ex. **Kan.**
WOOD, EDW. S., M.D., Prof. Chem., Harvard Med. Coll., Boston. *Med. Chem. and Tox.** **Mass.**
WOOD, HORATIO C., M.D., Philadelphia. *Bot., Biol.* **Penn.**
WOOD, JOSEPH, Bar Harbor. *Geol., Min., Fossils, Arch.* C. Ex.* **Me.**
WOOD, NELSON R., Clyde. *Orn.* Ex.* **N.Y.**
WOOD, P. B., Owing's Mills, Baltimore Co. *Orn., Ool.* C. Ex. **Md.**
WOOD, Dr. R. W., Librarian Am. Statistical Assoc., 19 Boylston Place, Boston.* **Mass.**
WOOD, Dr. STUART, Philadelphia. *Ent.* **Penn.**
WOOD, WILLIAM, M.D., East Windsor Hill. *Orn., Ool., Arch.* C. Ex. eggs.* **Conn.**
WOOD, WILLIAM S., Wilmington. *Tax., Orn.* C.* **Del.**
WOODBURY, WILLIAM R., Melrose Highlands. *Bot., Ferns, Ent.: Lepid., Coleopt.* **Mass.**
WOODBRIDGE, S. H., Mass. Inst. Tech., Boston. *Physics.** **Mass.**
WOODMAN, HENRY S., P.O Box 87, Brooklyn, E.D. *Diatoms, Min., Ent.* C. Ex.* **N.Y.**
WOODMAN, WALTER, 9 Kirtland Place, Cambridge. *Orn.* C. Ex. **Mass.**
WOODS, CHARLES D., Chem. Lab., Wesleyan Univ., Middletown. *Chem.** **Conn.**
WOODSON, N. A., Griggsville, Pike Co. *Geol., Palæo.* C. Ex. Crinoids, Brachiopods, etc. **Ill.**
WOODSWORTH, LUKE, M.D., Johnson's Creek, Niagara Co. *Bot.* C. **N.Y.**
WOODWARD, A., Am. Museum of Nat. Hist., 77th St., and 8th Ave., New York. *Geol., Mic.** **N.Y.**
WOODWARD, A. J., M.D., Cedar Keyes. *Herpetol.** **Fla.**
WOODWARD, A. L., Syracuse. *Mic.** **N.Y.**
WOODWARD, E. M., Keene. *Ent.* C. Ex. **N.H.**
WOODWARD, H. J., Peoria. *Zool.** **Ill.**
WOODWARD, J. J., M.D., Army Med. Mus., Washington. *Mic., Pathol.* **D.C.**
WOODWARD, L. F., Worcester. *Orn., Zool.* **Mass.**
WOODWARD, W. ELLIOT, 258 Dudley St., Roxbury. *Arch., Mound builders and Indian antiquities, coins and medals, Bric-a-brac and rare books.* Holds auction sales in N.Y. and Boston monthly. Catalogues sent to collectors on application. C. Ex.* **Mass.**

WOODWORTH, C. E., Kiantone, Chaut. Co. *Geol., Palæo.* N.Y.
WOOLMAN, GEORGE S., 116 Fulton St., New York. *Mic.** N.Y.
WOOLSEY, GEORGE, New Haven. *Orn., Ool., Histol.* C.* Conn.
WOOLSON, GEORGE C., Passaic. *Bot., Hort.* Special, cultivation of native plants. C. Price lists of native plants and bulbs desired.* N.J.
WOOLSON, M., Concord. *Min., Zylology.* C. Ex. N.H.
WOOLVERTON, S., London, Ont. *Gen. Collector of minerals, shells, coins, Indian Relics, etc.** Canada.
WOOLWORTH, JAMES G., Silver Spring, Providence. *Chem.** R.I.
WOOSTER, L. C., Prof. Nat. Sci., State Normal Schoool, Whitewater. *Geol., Bot.* C. Have fossils for ex. from N.Y., Colorado, and Wisconsin. Wis.
WORCESTER, DEAN C., Thetford. *Orn., Ool.* C. Ex.* Vt.
WORCESTER, GEORGE W., Urbana, Champaign Co. *Bot., Spec. Fungi.* C. Ex. flowering plants.* Ohio.
WORCESTER, HENRY P., Box 364, Norfolk. *Bot** Va.
WORDEN, T. D., Ph.B., M.D., Saratoga Springs. *Phys., Min.** N.Y.
WORKMAN, Dr. WILLIAM H., Worcester. *Mic.** Mass.
WORSTER, JOSEPH, M.D., 1153 30th St., New York. *Geol.* N.Y.
WORTH, Mrs. S. A., Hesper, Winnesheik Co. *Geol.* C. Ex. Fossiliferous Limestone.* Ia.
WORTHEN, A. H., Geologist and Cur. State Museum of Nat. Hist., Springfield. C. Ex. Ill.
WORTHEN, CHARLES K., State Taxidermist, Warsaw. *Orn., Tax.* C. Ex.* Ill.
WORTHEN, Rev. H. W., Bradford. *Min., Geol., Arch., Numismatics.* Vt.
WORTHINGTON, C. E., Chicago. *Ent.* Ill.
WORTHINGTON, W. W., Shelter Island, Suffolk Co. *Orn., Ool., Arch., Bot., Min., Tax.* C. Ex * N.Y.
WORTMAN, Miss CLARA A., Willshire, Van Wert Co. *Geol.* C.* Ohio.
WORTMAN, JACOB L., 2100 Pine St., Philadelphia. *Comp. Osteol., and Vert. Palæo.* Penn.
WORTMAN, M. L., Pleasant Mills, Adams Co. *Geol.* C. Ex.* Ind.
WRIGHT, ALBERT A., A.M., Ph.B., Prof. Geol. and Nat. Hist., Oberlin College, Oberlin. C.* Ohio.
WRIGHT, ARTHUR W., Ph.D., Prof. Molecular Physics and Chem., Yale Coll., New Haven. Printed lists of duplicates sent to parties in exchange for lists. Devonian fossils in sets of 100 species for ex. Shells and fossils from all parts of the world desired.* Conn.
WRIGHT, BERLIN H., Penn Yan, Yates Co. *Con., Palæo., Ast.* C. Ex.* N.Y.
WRIGHT, CHARLES, Wethersfield. *Bot.* C. Ex. Would like to exchange plants of Conn. for those of other States, especially Southern and Western.* Conn.
WRIGHT, CHAS. E., Iron Expert and Chemist, also Comm. of Mineral Statistics for State of Mich., Marquette. *Geol, Chem., Met., Min., Mic., Lithol.** Mich.
WRIGHT, C. JAMES, Fredonia, Licking Co. *Arch., Palæo., Min., Con., Old coins.* C. Ex.* Ohio.
WRIGHT, FRANK S., Box 910, Auburn. *Orn., Ool.* C. Ex. N.Y.
WRIGHT, Rev. G. FREDERICK. Oberlin. *Glacialist.** Ohio.
WRIGHT, GEO. W., West New Brighton. *Bot.* C. N.Y.
WRIGHT, HARRISON, Ph.D., A.M., Sec. Wyoming Hist. and Geol. Soc., Wilkesbarre. *Min., Geol., Palæo., Arch.* C. Ex. Coal flora for Min and Lithol. spec. for the society.* Penn.
WRIGHT, H. J., East Templeton. *General.* C. Mass.
WRIGHT, Mrs. J. S., San Diego. *Bot.* Cal.
WRIGHT, Mrs. LIZZIE, Monterey. *Ferns.* C. Ex. Cal.

WRIGHT, SAMUEL H., M.D., A.M., Ph.D., Penn Yan, Yates Co. *Bot.: Con., Mic., Ast.* C. Spec. Carex and Unionidæ. Ex. American plants and mosses.* N.Y.
WRIGHT, W. G., San Bernardino. *Lepid., Bot., Palms, Cacti, Ferns, Seeds.* C. Ex. for rare ferns and diurnals.* Cal.
WURTELE, Rev. LOUIS C., Acton Vale, P.Q. *Coleopt.* Canada.
WYLIE, T. A., Prof. Physics, Ind. Univ., Bloomington.* Ind.
WYMAN, H. W., 76 Providence St., Worcester. *Orn.* C. Ex. N. E. Birds. Mass.
WYMAN, WM. S., Prof. in Univ. of Ala., Tuscaloosa. *Am. Arch. and Eth.* Ala.
WYNNE, SAMUEL, Phœnixville, Chester Co. *Min.* C. Ex.* Penn.

Y.

YANDELL, Prof. L. P., M.D., Louisville. *Corals, Shells, etc.* C. of Crinoids.* Ky.
YARROW, H. C., M.D., Cur. Dept. Reptiles, Nat. Mus., Smithsonian Inst., Army Med. Mus., Washington. *Eth., Gen. Zool., Herpetol., Ichth.** D.C.
YATES, H. N., 522 Prospect St., Cleveland. *Mic.** Ohio.
YATES, Dr. LORENZO G., Centreville, Alameda Co. *Con., Geol., Min.* C. Many specimens for ex. Send lists. Cal.
YATES, W. S., Centreville. *Coleopt.* C. Ex. East, So., and Foreign Coleopt. wanted. Cal.
YOUNG, A. H., Hanover Coll., Hanover. *Bot., Geol.* C. Ex.* Ind.
YOUNG, A. R., 332 Halsey St., Brooklyn. *Phæn. Bot., Ferns, Mosses, Algæ, Con.* C.* N.Y.
YOUNG, Dr. C. A., Coll. of N.J., Princeton. N.J.
YOUNG, E. BENTLEY, M.S., 104 Appleton St., Boston. *Bot., Min., Lithol., Chem., Phys.* C.* Mass.
YOUNG, H. A., Revere. *Bot., Spec. Mosses.* C. Ex.* Mass.
YOUNG, HENRY W., Galena. *Bot.* C. Ill.
YOUNG, SILAS C., Edinville. *Min.* C. Ex. Orange Co., N.Y., and Sussex Co., N.J. Minerals for sale.* N.Y.
YOUNGHUSBAND, L., M.D., LL.D., 67 Adams Ave., West Detroit. *Microscopy.* Mich.
YOUNGS, GEO. R., C.E., Penn Yan. *Bot.* C. Ex.* N.Y.
YOUMANS, Miss ELIZA, 2 East 15th St., New York. N.Y.
YOUMANS, E. L., care D. Appleton & Co., Publishers, New York City.* N.Y.

Z.

ZABRISKIE, Rev. J. L., Nyack. *Hymenoptera, Fungi.* C. Ex.* N.Y.
ZABRISKIE, N. L., Aurora. *Mic.** N.Y.
ZAHM, S. H., Box 140, Lancaster. *Orn., Ool., Arch.* C. Ex.* Penn.
ZELL, Mrs. LYDIA D., Librarian Linnæan Soc., Lancaster. *Bot.** Penn.
ZENTMAYER, CHARLES, 147 So. 4th St., Philadelphia. *Mic.** Penn.
ZENTMAYER, JOSEPH, 147 So. 4th St., Philadelphia. *Manufacturer of Microscopes.** Penn.
ZESCH, FRANK, 500 Main St., Buffalo. *Coleopt.* C. Ex. N.Y.
ZIMMERMAN, CHARLES D., Buffalo. *Bot., Hort., Mic., Ent.: Coleopt.* C. Coleoptera.* N.Y.
ZIMMER, J. C., Cairo. *Arch.* C. Ex. Ill.

SCIENTIFIC SOCIETIES OF THE UNITED STATES AND CANADA.

[*An Asterisk* (*) *indicates that the society has been reported since last issue of the list.*]

American Association Advancement of Science. Organized, 1840; incorporated, Mar. 19, 1874. F. W. Putnam, Salem, Mass., Per. Sec.

CALIFORNIA.

California Academy of Sciences, San Francisco. George Davidson, A.M., Ph.D., Pres.; S. B. Christy, Ph.D., Cor. Sec. Publishes "Transactions" and "Memoirs." Has fine collections and desires exchanges.

California State Geological Society, San Francisco. Incorporated, Dec. 30, 1876. Henry G. Hanks, Pres.; S. Heydenfeldt, Jr., Sec. Annual Meeting, first Monday in December.*

Geographical Society of the Pacific, San Francisco.

Natural History Society, San Francisco. William H. Barrows, Pres.; William C. Flint, Cor. Sec.

San Diego Lyceum of Natural Sciences. Organized, June, 1873. Robert J. Gregg, M.D., Pres.; George N. Hitchcock, Cor. Sec.*

San Diego Society of Natural History. Organized, Nov. 2, 1874. Geo. W. Barnes, M.D., Pres.; Miss Rosa Smith, Cor. Sec. Library and Collection.*

San Diego Historical Society. Organized, 1880. James E. Wadham, Pres.; L. A. Blochman, Sec.*

San Francisco Microscopical Society. Thurlow Block, 126 Kearney St., C. M. Kinne, Pres.; Chas. W. Banks, Cor. Sec. Cabinet and Library.

Santa Barbara Society of Natural History. Organized, Nov. 25, 1876. H. C. Ford, Pres.; Mrs. R. F. Bingham, Cor. Sec. Museum and Library.

CANADA.

Acadian Science Club, Wolfville, N. S. Prof. Albert Coldwell, Pres.: A. J. Pineo, Sec.*

Canadian Institute, Toronto. Prof. D. Wilson, LL.D., Pres.; W. D. Pearman, M.D., Cor. Sec. Library.

Entomological Society, London, Ontario. William Saunders, Pres.; E. Baynes Reed, Sec. and Treas.

Geographical Society of Quebec.

Murchison Scientific Society, Belleville, Ontario. Organized, 1873. Rev. W. C. Clarke, LL.D., Pres.; W. R. Smith, Cor. Sec. Annual Meeting, first Monday in September.*

Natural History Society, Montreal. Dr. Dawson, Pres.; Dr. Edwards, Sec. Collection. Publishes the "Canadian Naturalist and Geologist."

Natural History Society of Toronto, Canada. Prof. H. H. Croft, Pres.; R. Wilkinson, Sec. Collections. Library.

Nova Scotia Institute of Natural Science, Halifax. Prof. J. Somers, M.D., F.R.M.S., Pres.; Prof. D. Honeyman, D.C.L., Sec.

Ottawa Field Naturalists' Club, Ottawa, Canada. Organized, March, 1879, James Fletcher, Pres.; W. H. Harrington, Sec.*
Ottawa Literary and Scientific Society, Ottawa. Organized, 1869. W. D. Le Sueur, B.A., Pres.; F. R. Bennett, Sec.*

CONNECTICUT.

Bridgeport Scientific Society. H. N. Powers, D.D., Pres.; A. Steward, Cor. Sec. Library.*
Connecticut Academy of Arts and Sciences, New Haven. Incorporated, 1799. Daniel C. Eaton, Pres.; Addison Van Name, Cor. Sec. and Librarian. Publishes "Transactions." *
Field and Forest Club, Southington. W. M. McLaughlin, Pres.; E. R. Newell, Sec.; Dr. J. H. Osborne, Cur.*
Meriden Scientific Society. Prof. J. H. Chapin, Pres.; Dr. Chas. H. S. Davis, Sec.*
Middletown Scientific Association. Organized, March 17, 1871. Prof. J. M. Van Vleck, L L.D., Pres.; Wm. North Rice, Cor. Sec.
Waterbury Scientific Society. Organized, October 19, 1868; incorporated July 8, 1869; membership, 70. H. F. Bassett, Pres.; Wallace H. Camp, Sec.

DISTRICT OF COLUMBIA.

Anthropological Society of Washington. Major J. W. Powell, Pres., Dir. U. S. Bureau of Ethnology; Lester F. Ward, F. A. Seeley, Secretaries.*
Biological Society of Washington. Prof. Theo. N. Gill, Pres.; G. Brown Goode, Richard Rathbun, Secretaries.*
National Academy of Sciences, Washington. S. Newcomb, Washington, D. C., Home Sec.; Alex. Agassiz, Cambridge, Mass., Foreign Sec.*
Philosophical Society of Washington. Organized, March 13, 1871. Wm. B. Taylor, Pres.; Marcus Baker and T. N. Gill, Secretaries. Publishes "Bulletins." Four vols. have been published.*
Smithsonian Institution. Organized, 1846. Spencer F. Baird, Sec.; William J. Rhees, Chief Clerk. Museum, Library, and Gallery of Art. The publications comprise "Contributions to Knowledge," "Miscellaneous Collections," "Annual Reports," and "Report of the Bureau of Ethnology."*

ILLINOIS.

Academy of Sciences of Southern Illinois, Carbondale. Organized, Dec. 2, 1876; membership, 100.*
Chicago Academy of Sciences. Organized, 1857; incorporated, 1859. Hon. William Bross, Pres.; J. W. Velie, 23 Wabash Ave., Sec. and Cur. Museum, libraries, and collections.*
Illinois Museum, Normal. S. A. Forbes, Director.
Mercer Co. Scientific and Historical Association, Aledo. John Geiger, Pres.; Alexander McArthur, Sec.*
Peoria Scientific Association. W. F. Brant, Pres.; A. E. Ebert, Rec. Sec.; Dr. Fred Brendel, Cor. Sec.*
Rockford Nat. Hist. Club. Organized, 1880. Dr. F. H. Kimball, Sec.*
Rockford Scientific Society. Organized, June 13, 1877; active members, 40. M. S. Bebb, Pres.; J. B. Upson, Sec.*
Sandwich Naturalist Association. Organized, Aug. 14, 1874. N. E. Ballou, Pres.; A. E. Bourne, Sec. Annual Meeting, first Monday in January. Library and Collection.*
Scientific Association of Peoria. I. T. Stewart, Pres.; Prof. H. S. White, Sec. Annual Meeting, first Saturday in May.

State Microscopical Society, of Illinois, 263 Wabash Avenue, Chicago. Chartered, 1869. Dr. Lester Curtis, Pres.; E. B. Stewart, Cor Sec. Library and Cabinet.

Thomson Library Association, Arch., Min., and Geol. J. M. Williamson, Cor. Sec.*

Vermilion Co. (Ill.) Historical Society, Danville. Incorporated, Oct. 23, 1877; membership, 45. Pres., G. C. Pearson; Sec., J. D. Benedict., Cur., H. A. Coffeen.*

INDIANA.

Agassiz Club, Lafayette. Organized, May, 16, 1877; membership, 16. Prof. John Hussey, Pres.; C. C. McNutt, Sec.

Brookville Society of Nat. Hist. Incorporated, February, 1882. Rev. David R. Moore, Pres.; O. M. Meyncke, Vice Pres.; Amos. W. Butler, Sec.; Chas. F. Goodwill, Treas.; Edw. R. Quick, Cor. Sec. Museum and Library. Desires to ex. many duplicate specimens, and asks donations of specimens and publications.*

Indianapolis Lyceum of Natural History. Organized, Oct., 1877. Edward T. Cox, Pres.; Prof. W. Webster Butterfield, M.D. Sec.

Jeffersonville Natural History Association. Organized, December, 1877. Wm. H. Fogg, Pres.: O. Hobbs, Sec.. Annual Meeting in April.*

Richmond Geological Society. Organized, Feb. 2, 1878; membership, 25; A. C. Lindemuth, Pres.; Lida Hadley, Sec.

Society of Natural History, Brookfield. David R. Moore, Pres.; Ed. Quick, Cor. Sec.*

Western Indiana Historical and Scientific Association, Newport. Organized, Aug. 30, 1875; membership, 20. Prof. John Collet, Pres.; H. H. Conley, Cor. Sec. Museum, Collection, and Library.

IOWA.

Academy of Science, Muscatine, Ia.. F. Reppert, Sec.

Agassiz Field Club, Des Moines. Incorporated, 1881. C. R. Pomeroy, Pres.; R. E. Call, Sec.

Davenport Academy of Sciences, Davenport. Organized, Dec. 14, 1877. Dr. C. H. Preston, Pres.; Prof. W. H. Pratt, Cor. Sec. Library and Museum. Publishes "Proceedings."*

Iowa Academy of Sciences, Iowa City. Organized, 1875. C. E. Bessey, Ames, Iowa, Pres.; C. M. Hobby, M.D., Cor Sec. Number of Fellows limited to thirty.

Iowa Institute of Science and Arts. Organized, 1869. Asa Horr, M.D., Pres.; E. T. Keim, Cor. Sec.*

Iowa Natural History Union, DesMoines. Organized, 1877. Wm. Jno. Gill, D.D, A.M., Pres.; S. S. Boubright. Sec.

Iowa State Ornithological Society. J. H. Harvey, Pres.; S. S. Boubright, Sec., DesMoines.

Scientific Society, Corning. W. S. Anderson, Pres.; W. L. Sherwood, Sec.*

KANSAS.

Kansas Academy of Science, Topeka. J. T. Lovewell, Pres.; E. A. Popenoe, Sec., Manhattan, Kan.*

Leavenworth Academy of Science and Art. H. M. Aller, Pres.; R. J. Brown, Cor. Sec.

Scientific Club of the Kansas State Agric. College, Manhattan.*

Topeka Scientific and Literary Club. Prof. J. T. Lovewell, Pres.; Geo. S. Chase, Sec.

KENTUCKY.

Ohio Falls Geological Society, Centre and Walnut Streets, Louisville. Wm. J. Davis, Pres.; J. T. Gaines, Sec. Will exchange Silurian and Devonian fossils for those of other periods.

Polytechnic Society, Louisville. Instituted December, 1876. Bennett H. Young, Pres.; E. A. Grant. Sec. Museum and Library. Desires exchange.*

MAINE.

Portland Society of Natural History. Incorporated, 1850. Wm. Wood, M.D., Pres.; Prentiss C. Manning, Cor. Sec. Cabinet.*

White Mountain Club, Portland. Abner Lowell, Pres.; John M. Gould, Sec.*

MARYLAND.

Maryland Academy of Sciences, Baltimore. Organized, 1822. Lewis M. Eastman, Pres.; G. L. Smith, Cor. Sec.*

MASSACHUSETTS.

American Academy of Arts and Sciences, Boston. Organized, 1780. Joseph Lovering, Pres.; Josiah Parsons Cooke, Cor. Sec. Publishes "Proceedings" and "Memoirs."*

Amesbury and Salisbury Natural History Society. Organized, 1878. H. S. Leslie, Pres.; Chas. Nayson, Cor. Sec.

Antiquarian Society, Worcester.

Appalachian Mountain Club. Organized, 1876; incorporated, April 1, 1878. Prof. William H. Niles, Pres.; Prof. Chas. E. Fay, Cor. Sec., College Hill, Mass.*

Arnold Arboretum (Harvard Univ.). Chas. S. Sargent, Director.; Charles E. Faxon, Asst. in Charge of Herbarium. Living collections at Bussey Farm, W. Roxbury, Boston. Herb. at the residence of the director, Brookline, Mass.*

Boston Scientific Society. Organized, May, 1876; 96 Tremont St. Wm. Bellamy, Pres.; J. Ritchie, Jr., Cor. Sec. "Science Observer" published by this Society.*

Boston Society of Natural History. Incorporated, 1831. Samuel H. Scudder, Pres.; Edward Burgess, Sec. Annual Meeting, first Wednesday of May. Library and Collection. Publishes "Proceedings," "Memoirs," and "Occasional Papers."

Boston Zoological Society, 285 Marlboro' Street. Organized, 1880. Henry Savage, Pres.; Roland Hayward, Sec. Publishes the "Quarterly Journal."

Cambridge Amateur Society of Natural History. Organized, November, 1877. J. A. Osborn, Pres.; Wm. B. Greeley, Sec. Cabinet.

Cambridge Entomological Club. Established, Jan. 9, 1874; incorporated, March 9, 1877. S. H. Scudder, Pres.; Wm. Trelease, Sec. "Pysche," published by this Society, is issued monthly, at $1 per annum, $3 per vol.*

Cape Ann Scientific and Literary Assoc., Gloucester. Organized, 1875. Thomas Conant, Pres.

East Templeton Natural History Society. Organized, Nov., 1881. V. P. Parkhurst, Pres.

Essex Institute, Salem. Incorporated, 1848. Henry Wheatland, M.D., Pres.; George M. Whipple, Sec. Library contains 32,000 volumes. Publishes "Historical Collections" and "Bulletin." Objects, diffusion of knowledge in History, Natural History, Horticulture, and Arts.*

Hanson Natural History Society. Organized, 1874. Flavel S. Thomas, Sec.
Harvard Natural History Society. Founded, 1837. Prof. N. S. Shaler, Pres.; Prof. G. L. Goodale, Cor. Sec.
Historical, Natural History, and Library Society, South Natick. Incorporated, 1873. G. J. Townsend, M.D., Pres.; Rev. J. P. Sheafe, Cor. Sec. Library and Collection.*
Lexington Field and Garden Club. Organized, 1876. M. H. Merriam, Pres.; Miss Kate Whitman, Sec.
Lyceum Nat. Hist., Williams College, Williamstown. Founded, 1835. J. R. Adriance, Pres.; A. H. Burnell, Cor. Sec. Collection.
Massachusetts Horticultural Society, Boston. Organized, 1829. Hon. Francis B. Hayes, Pres.; Robert Manning, Sec. and Lib.; Geo. W. Fowle, Treas. and Supt. of building. The Library contains 4,500 books and pamphlets on Botany and Horticulture, and is the best Horticultural Library in the U.S.
Merrimac Natural History Society. B. F. Sargent, Pres.
Middlesex Institute, Malden. Organized, 1878. Henry L. Moody, Pres.; F. S. Collins, Sec.
Museum of Comparative Zoology, Cambridge. Alex. Agassiz, Director. Publishes "Bulletin" and "Memoirs."*
Natural History Society, Lynn. Incorporated, April 29, 1876. Wm. W. Griffin, Pres.; Frank B. Rowell, Sec. Annual meeting, first Tuesday in January.*
Nuttall Ornithological Club, Cambridge. Organized, 1873. Wm. Brewster, Pres.; H. A. Purdie, Sec. The "Bulletin," established April, 1875, is published quarterly. J. A. Allen, Editor.*
Peabody Academy of Science, Salem. Founded, 1867, by George Peabody, of London. Hon. Wm. C. Endicott, Pres.; John Robinson, Treas.; Prof. E. S. Morse, Dir. The Museum ranks among the most valuable in the country. Summer School of Biology conducted each season, commencing about July 10. Publishes Memoirs and Annual Reports.*
Peabody Mus. of Am. Archæology and Ethnology, Cambridge. Founded, 1866. F. W. Putnam, Curator.*
Springfield Botanical Society. Organized, April 20, 1877. Everett A. Thompson, Pres.; Miss Electa M. Priest, Sec. Collection.*
Springfield Lyceum Assoc. Organized, Feb. 21, 1881. Capt. D. A. Lyle, Pres.; Bradley Horsford, Cor. Sec.
Springfield Science Association. Organized, March 12, 1881. Capt. D. A. Lyle, Pres.; F. H. Morgan, Sec.*
Worcester Lyceum and Natural History Association. Organized, Dec. 1852; incorporated, April 16, 1853. Dr. W. L. Raymenton, Pres.; Dr. S. B. Woodward, Cor. Sec. Museum.*

MICHIGAN.

Adrian Scientific Society, Adrian, Mich. Incorporated, 1881. Jacob Breedon, Pres.; A. W. White, Sec.
Ann Arbor Scientific Association. Mark W. Harrington, Pres.; T. J. Wrampelmeier, Sec.*
Detroit Scientific Association. Incorporated, March 21, 1865. J. C. Holmes, Pres.; A. B. Lyons, M.D., Sec. Museum.
Kent Scientific Institute, Grand Rapids. Dr. J. C. Parker, Pres.; I. N. Mitchell, Sec. and Librarian.*
The Griffith Club of Microscopy, Detroit. E. L. Shurley, M.D., Pres.; C. J. Jennings, M.D., Sec.
South Haven Antiquarian Society. Organized, January, 1882. B. H. Dyckman, Pres.; H. J. Edgell, Sec.*

MINNESOTA.

Historical Society of Minnesota, St. Paul.

Minnesota Academy of Natural Sciences, Minneapolis. Organized, Jan. 1, 1873. A. F. Elliott, Pres.; W. H. Leonard, Cor. Sec. Publishes "Bulletin."*

St. Paul Academy of Natural Sciences. Robert Ormsby Sweeney, Pres.; Herbert W. Smith, Cor. Sec. Library and Museum.

MISSOURI.

Academy of Science, St. Louis. Organized, 1857. Geo. Englemann, M.D., Pres.; Nathaniel Holmes, Cor. Sec. Publishes "Transactions" and "Proceedings." Has Room, Library, and Museum in Wash. Univ. buildings.*

Glasgow Scientific Society. Organized, Feb. 27, 1877. S. H. Trowbridge, Pres.; J. C. Hall, Sec.

Packard Nat. His. Soc., Drury College. Established, 1879. Ada A. Durham, Pres.; Elizabeth S. Webb, Sec.*

NEW HAMPSHIRE.

Exeter Natural History Society. Organized, Dec. 7, 1874; incorporated, June, 1876. John J. Bell, Pres.; Albion Burbank, Sec. Museum and Library.

Keene Natural History Society. G. A. Wheelock, Pres.; D. W. Gilbert, Sec.

Keene Scientific Association. Organized, 1876. Ira J. Prouty, Pres.; Bertram Ellis, Sec.

NEW JERSEY.

American Postal Micro-Cabinet Club. Founded, 1875. Rev. Sam'l Lockwood, Freehold, N.J., Pres.; Rev. A. B. Hervey, Taunton, Mass., Sec.*

Atco Natural Science Society. Incorporated, 1868. M. J. Skinner, Pres.; A. R. Slocum, Sec. Library and Museum. Wood and Bot. spec. for Ex.*

Camden Microscopical Society. A. P. Brown, Pres.; C. Henry Kain, Sec.*

Historical Society, Mt. Holly. M. S. Pancoast, Pres.; Rev. E. Braislin, Cor. Sec. Library.

New Jersey State Microscopical Society, New Brunswick. Instituted, April 17, 1871. Incorporated, February 16, 1880. F. C. Van Dyck, Pres.; Rev. Samuel Lockwood, Sec. Meets Monthly in Geological Hall, Rutgers College.*

North Jersey Botanical Club. Organized, April, 1879. Henry H. Rusby, Franklin, Pres.; Walter M. Wolfe, Montclair, Sec.*

Princeton Academy of Sciences. Incorporated, January 23, 1882. Princeton, N. J.*

NEW YORK.

Albany Institute. Incorporated, March 12, 1793. Orlando Meads, Pres.; Leonard Kip, Cor. Sec. Library and Collection.*

American Chemical Society, Room 1, University Building, Washington Square, New York City. Incorporated, November 10, 1877. J. W. Mallet, Pres.; P. Casamajor, Cor. Sec. Library.*

American Geographical Society, New York City.

American Institute of Mining Engineers, New York City. R. P. Rothwell, Pres.; Thomas M. Drown, Sec., Easton, Penn.*

American Microscopical Society of City of New York, 12 East 22d Street. J. B. Rich, M.D., Pres.; O. G. Mason, Sec.*

American Museum of Natural History, Central Park, New York City. Incorporated, 1869. Morris K. Jesup, Pres.; J. J. Bargin, Ass't. Sec. Publishes "Bulletin," and "Annual Report." Library of 12,000 vols., and Museum.*

Brockfort Natural History Club. Organized, November, 1875. Cabinet and Library.

Brooklyn Entomological Society. Charles N. Hoyt, Pres.; George D. Hulst, Cor. Sec. Publishes "Bulletin." Membership, 32.

Buffalo Microscopical Club. Organized, 1876. James W. Ward, Pres.; Dr. W. C. Barrett, Sec.*

Buffalo Society of Natural Sciences. Organized, December 5, 1861. Leon F. Harvey, M.D., Cor. Sec. Museum and Library.*

Central Park Menagerie, New York City. William A. Conklin, Ph.D., Director.*

Chemical and Physical Society, Cornell University, Ithaca. W. H. Jordan, Pres.; Josephine Chevalier, Sec.

Dana Natural History Society, Albany. Organized, 1868. Mrs. Ellen Le Gros Tenney, Pres.; Miss Rebecca Hindman, Cor. Sec. Library and Collection.*

Dunkirk Microscopical Society. George E. Blackham, M.D., Pres.; M. E. C. Shelton, Sec.

Elmira Microscopical Society. Dr. S. O. Gleason, Pres.; Prof. Ford, Vice Pres.; Thad. S. Updegraff, Sec.*

Jamestown Microscopical Society. Organized, 1873. A. Waterhouse, M.D., Pres.; Charles G. Fuller, Sec.

Jewett Scientific Society, Lockport. Organized, August 21, 1877; incorporated, March 1, 1878. Dr. E. W. Gautt, Pres.; Mrs. M. K. Caverno, Cor. Sec. Library and Collection.

Lockport Agassiz Society, Lockport. George W. Pound, Cor. Sec.

Long Island Entomological Society, Brooklyn. Organized, March 14, 1877; Rev. George D. Hulst, Pres.; W. V. Andrews, Cor. Sec. Library.

Microscopical Society of Canandaigua, New York. C. A. Richardson, Pres.; J. H. Jewett, M.D., Sec.*

Natural Science Association of Staten Island. Sanderson Smith, Pres.; Arthur Hollick, Cor. Sec. P. O. Box 105, New Brighton.*

New York Academy of Sciences (late Lyceum of Natural History), New York City. Incorporated, April 20, 1818. John S. Newberry, Pres.; A. R. Leeds, Cor. Sec. Annual meeting, fourth Monday in February. The publications of the Academy consist of the "Annals," and the "Proceedings." Museum and Library

New York Entomological Club. A. R. Grote, Pres.; B. Neumogen, Treas.; Hy. Edwards, Sec. Meets twice monthly, 185 East 116th Street. Publishes "Papilio" (devoted to Lepidoptera solely), as its organ.

New York Microscopical Society, 64 Madison Avenue, New York City. Organized, November 14, 1877. B. Braman, Pres.; C. S. Shultz, Hoboken, N.J., Cor. Sec.*

Poughkeepsie Society of Natural Sciences. A. P. Van Giesen, D.D., Pres.; E. H. Parker, M.D., Sec. Museum and Library.

Rochester Academy of Sciences. Pres., Myron Adams; Cor. Sec., Adelbert Cronise.*

Rochester Society of Natural Sciences. S. R. A. Dolley, Pres.; C. S. Dolley, Cor. Sec.*

Society of American Taxidermists, 31 Prince Street, Rochester; Prof. W. E. D. Scott, Pres.; William T. Hornaday, Sec.

Syracuse Botanical Club, New York. Mrs. S. M. Rust, Pres.; Mrs. Kate Barnes, Cor. Sec.

Torrey Botanical Club, New York City. Organized, January, 1873. J. S. Newberry, Pres.; B. Braman, Cor. Sec.
Troy Scientific Association. Organized, 1870; incorporated, 1874. R. H. Ward, Pres.; Prof. D. F. Thompson, Cor. Sec.*
Warner Observatory, Rochester. Lewis Swift, Ph.D., F.R.A.S., Director.*

NORTH CAROLINA.

Historic and Scientific Society, Wilmington, N. C. G. B. Bernheim, D.D., Pres.; E. S. Martin, Cor. Sec.

OHIO.

Agassiz Scientific Association, Delaware, Ohio. Organized, April 4, 1876. Prof. E. T. Nelson, Pres.; R. E. Hills, Sec.
Akron Scientific Club, Howard Street. Thomas Rhodes, Pres.; J. M. McCreery, Sec. Museum.
Central Ohio Science Association, Washington, Fayette Co. Organized, December 8, 1877. J. P. Patterson, Pres.; George W. Welsh, Sec.
Central Ohio Scientific Association, Urbana. Established, October, 1874. Thomas French, Jr., Pres.; T. F. Moses, Cor. Sec.*
Cincinnati Society Natural History, 108 Broadway. Dr. R. M. Byrnes, Pres.; Davis L. James, Sec. Publishes the "Journal," issued quarterly.*
Columbus Society of Natural History. J. M. Wheaton, Pres.; I. F. Stidham, Sec.
Conchological Club, Cincinnati. Henry Laws, Pres.; William Doherty, Sec.
Cuvier Club, 4th Street, Cincinnati. Organized, January 1, 1875. L. A. Harris, Pres.; Thomas A. Logan, Cor. Sec.*
Findlay Scientific Association. Organized, April, 1877. F. B. Zay, Pres.; Miss C. E. Barnd, Sec.
Kirtland Society of Natural Sciences, Case Block, Cleveland. Organized, March 17, 1869. S. G. Williams, Cor. Sec. Library and Museum.
Licking County Pioneer, Historical and Antiquarian Society. Isaac Smucker, Pres.; W. T. Evans, Cor. Sec.*
Literary and Scientific Society, Madisonville, Ohio. Hon. Joseph Cox, Pres.; Charles F. Low, Sec.*
National Normal Scientific Association, Lebanon. R. H. Holbrook, Pres.; W. H. Bean, Curator.*
Ohio State Archæological Association. Isaac Smucker (Newark, O.), Pres.; Prof. J. T. Short, Cor. Sec.*
The M. D. Fraternity, Marysville, Ohio. Organized, 1878. La Rue Buxton, Pres.; Dan. C. Marsh, Cor. Sec.
Toledo Historical and Geographical Society. Organized, June 13, 1871. E. H. Fitch, Pres.; W. M. Marcheen, Sec. Annual meeting, first Tuesday in June.*
Toledo Society of Natural Sciences. Organized, May 17, 1870. Richard Waite, Pres.; E. H. Fitch, Sec. Annual meeting, first Tuesday in April.*
Tyndall Association Natural Sciences, Columbus. George H. Twiss, Pres.; D. E. Williams, Sec.

PENNSYLVANIA.

Academy of Natural Sciences, Philadelphia. Founded, March 12, 1812. Joseph Leidy, Pres.; G. H. Horn, M.D., Cor. Sec. Publishes "Proceedings" and "Journal."*

American Entomological Society, Philadelphia. Incorporated, 1862. John L. LeConte, M.D., Pres.; Charles A. Blake, Cor. Sec. Publishes "Transactions."

American Philosophical Society, Philadelphia. Founded May 25, 1743. Frederick Fraley, Pres.; Pliny E. Chase, Geo. F. Barker, Dan. G. Brinton, J. P. Lesley, Sec'ys. Publishes "Proceedings" and "Transactions."*

Erie Natural History Society, Erie, Penn. G. Guttenberg, Pres.; Miss Sarah Madole, Cor. Sec.*

Historical Society of Penn., Philadelphia.

Lancaster Microscopal Society. Dr. H. D. Knight, Pres.; J. M. Dairdson, Sec.*

Lewisburg (Pa.) Scientific Society. Rev. Dr. J. D. Krum, Pres.; Dr. Geo. G. Groff, Sec.*

Linnæan Society, Lancaster. Organized, February 15, 1862; chartered, August 30, 1865. Prof. J. S. Stahr, Pres.; Dr. H. D. Knight, Cor. Sec. Large Museum and Library.*

Lyceum of Natural History, Marietta. J. J. Libhart, Pres.; J. S. Geist, Sec. Museum and Library.

Mineralogical and Geological Section of A.N.S.P. T. D. Rand, Dir.; Chas. Schäffer, M.D., Sec. Publishes "Proceedings."*

Numismatic and Antiquarian Society, Philadelphia.

Reading Society of Natural Sciences. Instituted, January 1, 1869; incorporated, November 8, 1869. Henry Landis, M.D., Pres.; M. A. Rhoads, M.D., Sec. Library and Collection.*

Spencer F. Baird Naturalist Club. Organized, April 1, 1882. Theo. A. Kendall, Pres.; J. A. Keiser, V. Pres.; Peter H. Groff, Sec. and Treas.*

West Chester Microscopical Society. Addison May, Pres.; Harry Warren, Sec.*

West Chester Philosophical Society. Rev. Robert J. Carson, Pres.; Jerome B. Gray, Cor. Sec.

Wyoming Historical and Geological Society, Wilkesbarre. Incorporated, 1858. Chas. F. Ingham, M.D., Pres.; Hon. E. L. Dana and Harrison Wright, Ph.D., Sec'ys. Publishes "Proceedings."

Zoological Society of Philadelphia. Incorporated, 1859. Frederick Graff, Pres.; John L. LeConte, Cor. Sec.*

RHODE ISLAND.

Providence Franklin Society, 25 No. Main Street. Chartered, 1823. W. O. Brown, Pres.; W. T. Cooke, Sec. Annual meeting, first Tuesday in January.

Rhode Island Horticultural Society, Providence. Instituted, Sept. 6, 1845; incorporated, Jan., 1854. Henry T. Root, Pres.; Thos. K. Parker, Cor. Sec.*

TEXAS.

Archæological Society, Austin. Organized, October, 1876. Louis J. Du Pré, Pres.; J. W. Stalnaker, Sec.

UTAH.

Museum of Natural History, Salt Lake City. J. L. Barfoot, Curator.

VIRGINIA.

Virginia Collectors' Club, Whytheville, Va. H. J. Heuser, Cor. Sec.

Richmond Microscopical Society. Chartered, 1881. Dr. W. R. Weisiger, Pres.; G. A. Peple, Sec.*

VERMONT.

Woodstock Academy of Natural Sciences. Incorporated, November 10, 1866. Hosea Doton, Pres.; Edwin Hazen, Sec.

WEST VIRGINIA.

Natural History Society of W. Va. Chartered, March 19, 1880. Dr. A. Schaffrauck, Pres.; Thomas Schrieber, Sec.

WISCONSIN.

Lapham Archæological Society, Milwaukee. C. T. Hawley, Cor. Sec.

Milwaukee Field Club. Organized, October 3, 1876. W. R. King, Pres.; W. Harris, Sec.

Naturhistorischen Vereins von Wisconsin, Milwaukee. C. Preusser, Pres.

Ripon College Botanical Society. Organized, 1880. Ripon, Wis.*

Wisconsin Academy of Sciences, Arts and Letters, Madison. Chartered, March 16, 1870. Dr. P. R. Hoy, Racine, Pres.; Prof. J. E. Davies, M.D., Madison, Sec. Annual meeting, second Tuesday in February. Museum and Library. Publishes "Transactions."

LIST OF DECEASED.

Allen, Zachariah, Providence, R.I.
Applegate, I. A., Mt. Carmel, Ind.
Barfoot, Joseph L., Salt Lake City, Utah.
Bates, Ezra D., Blackstone, Mass.
Beard, F., Warren, Ind.
Beebe, Edward H., Geneva, Ill., June, 1881.
Belanger, F. X., Quebec, Canada, March 14, 1882.
Blackie, Geo. S., Nashville, Tenn., June 19, 1881.
Bradley, S. B., West Greece, Monroe Co., N.Y., 1881.
Burbank, L. S., Woburn, Mass., August, 1879.
Butler, Noble, Louisville, Ky.
Chambers, W. H., Auburn, Ala.
Chapman, Henry, San Francisco, Cal.
Christian, John B., Mt. Carroll, Ill.
Condy, Thomas, Jr., Guelph, Ont., Canada.
Cook, I. F., Bellingham, Mass.
Curier, A. O., Grand Rapids, Michigan, May 24, 1881.
Dalrymple, Rev. E. A., Baltimore, Md., October 30, 1881.
Draper, Henry, 271 Madison Ave., New York, N.Y., November 21, 1882.
Gifford, William, Alta, Peoria Co., Ill., January, 1881.
Greene, A. C., Frostburgh, Md., February 15, 1882.
Hall, Elihu, Athens, Ill., August 24, 1882.
Hauxhurst, D. C., Battle Creek, Mich., February 16, 1882.
Hawes, George W., Washington, D.C., June 22, 1882.
Hayes, George E., Buffalo, N.Y., April 27, 1882.
Humphreys, John T., Lynchburg, Va.
James, Thomas P., Cambridge, Mass, February 22, 1882.
Jameson, Charles T., Oxford, Miss.
Kirby, S. H., Glenville, Ohio.
Lee, William F., West Chester, Penn., July 27, 1880.
Leggett, William H., New York, N.Y., April 11, 1882.
Morgan, Hon. Lewis H., Rochester, N.Y.
Nims, Allen, Watertown, N.Y.
Olmstead, L. G., Fort Edward, N.Y.
Oremieulx, T. d', New York, N.Y., July, 1881.
Otis, Geo. A., Washington, D.C., February 23, 1881.
Patterson, Robert, Camden, N.J.
Popenoe, Mrs. Florence E., Topeka, Kan., August, 1880.
Potter, Dr. M., Buffalo, N.Y., June 28, 1878.
Putnam, J. Duncan, Davenport, Ia., December 10, 1881.
Rodgers, John, Washington, D.C., May 4, 1882.
Rogers, William B., Boston, Mass.
Rusby, Henry H., Franklin, N.J.
Seymour, E., New York, N.Y.
Shroyer, J. C., Cincinnati, Ohio.
Smith, G. A., Fort Wayne, Ind.
Smith, George D., Boston, Mass., 1880.
Stout, William, New York, N.Y., June 28, 1882.
Thomas, L. A., Topeka, Kan., November 11, 1881.
Vaux, William S., Philadelphia, Penn., May 5, 1882.
Wheatley, Charles M., Phœnixville, Penn., May 6, 1882.
Wild, George A., Champaign, Ill., November, 1881.
Williams, Prof. Milo G., Urbana, Ohio, 1880.

BERMUDA.

Peniston, Annie M., Penistons, The Flatts. *Moll.* C. Ex. Shells of Bermuda for those of other localities. Sea-shells preferred, and only good specimens desired.*

CENTRAL AMERICA.

COSTA RICA.

Carmigol, San José. *Bot.*
Trujillo, San José.

GUATEMALA.

Bolander, Gautemala. *Bot.*
Farfan, Dr. José, Prof. Univ., Guatemala. *Bot.*
Grelck, Juan, Bot. Coll., Guatemala. *Bot.*
Luna, Dr. David, Prof. Univ., Guatemala. *Phys., Chem., Bot.*
Milla, José, Guatemala.
Peper, E., Guatemala. *Ent.*
Rockstroh, Edwin, National Institute, Guatemala. *Zool.*
Rodriguez, Juan José, Dir. Zool. Mus., Guatemala. *Bot., Gen. Zool.**
Rossignon, Guatemala. *Bot.*
Sarg, Francis C., Vice-Consul German Empire, Coban. *Zool., esp. Spiders and Fresh Water Fishes.**
Stoll, De Otto, Guatemala. *Myriopoda.*
Türckheim, Freiherr H. von., Coban, Alto Vera Paz. *Bot., Lepid.* C. Ex. Spec. dried plants in ex. Insects and bird skins for sale.
Yela, Dr. Joaquim, Prof. Univ., Gautemala. *Bot., Nat. Hist.*

HONDURAS.

Thieme, Dr. Carolo, San Pietro. *Bot., Ent., Con.* C. Ex.

NICARAGUA.

Calderon y Arana, Salvador, Leon.
Clay, T. H., Matagalpa.
Downing, Dr. Alex. A., Granada. *Anth.* Ex. for any kind of specimens new to Nicaragua.
Flint, Earl, Rivas. *Antiquarian, Arch.**
Harper, Henry, Granada. *General Science.*
Henry, William, Granada. *Reptiles.*
Janson, E. M., Las Lajas, Chontales. *Ent.*
Levy, Paul, Granada. *Bot.*
Morazan, F., Chinandega.

SAN SALVADOR.

Ulex, Oscar, San Salvador. *Orn., Ool., Gen. Ent.* C.*

GREENLAND.

Taylor, Joseph Walter, Noungme.

MEXICO.

Aguilar, Panciano, Guanajuato. *Mining Engineer.*
Ajuria, Agustin, Guanajuato. *Mining Engineer.*
Alcacio, Donaciano, City of Mexico. *Bot.*
Alcaráz, Ramon Y., City of Mexico. *Agric.*
Altamirano, Ignatius M., "La República," City of Mexico.
Altamirano, Vernando, City of Mexico. *Bot.*
Anda, Francisco de, M.E., Manager of the Mint, Guanajuato.
Anda, Luis de, M.E., Assayer of the Mint, Guanajuato.
Anda, Manuel de, M. and C.E., Manrique, 6, City of Mexico. *Strat. Geol., Min., Met., Meteo.**
Andanegui, Juan B., Pinos, Zacatecas. *Min.*
Arevalo, Dr. José S., Marelia. *Nat. Hist.*
Arriaga, José Joaquin, Mem. Mex. Nat. Hist. Soc., City of Mexico. *Bot, Zool.*
Aymé, Louis H., Merida, Yucatan. *Arch.*
Barcena, Mariano, Director del Observatorio Central, Prof. de Geol. and Palæo., Museo Nacional, City of Mexico. *Geology.* C.
Barroeta, Prof. G., M.D., San Luis Potosi. *Zool., Bot.* C. Ex.
Barroso, Agustin, City of Mexico. *Bot.*
Blanco, Luciano, Guadalajara. *Mining Engineer.*
Blazquez, Prof. Ygnacio, Nat. Hist. Coll., Puebla. *Bot.*
Bonilla, J. A., Zacatecas. *Min.*
Caleira, Ysidro, Aguas Calientes.
Campa, Luis, Mina de Mellado, Guanajuato. *Mining Eng.*
Carvillo, M., Engineer, Leon.
Castanos, G., C.E., Guadalajara.
Castillo, Antonio del, City of Mexico. *Geol., Palæo.*
Cervantez, Faustino, Calle de la Esampa, 2, Morelos.
Chazaro, M. M., Flacotalpam. *Bot.*
Chico, Dr Jesus, Hospital Guanajuato. *Hygiene.*
Contreras, Manuel, Colegio del Estado, Guanajuato. *Ast.*
Contreras, Juan N., Guanajuato. *Mining Engineer.*
Crespo, Gilberto, City of Mexico. *Min.*
Cubas, Antonio G., City of Mexico.
Dondé, R. Juan, Prof. Pharm., Chem., and Nat. Hist., Calle de los Rosados, No. 48, Merida, Yucatan. *Bot., Zool., Ent.: Coleopt, Orn, Chem.* C. Ex.
Dugès, Alfredo, Prof. Nat. Hist., Colegio del Estado, Guanajuato. *Zool., Bot., Vert., especially Reptiles.* C.*
Dugès, Dr. Eugène, Tupataro, Guanajuato. *Coleopt.*
Endner, Agustin, Assayer of the Mint, Oaxaca.
Fernandez, Vicente, Prof. de Farmacio, Colegio del Estado, Calle de Pocitos del Cerezo, Guanajuato. *Meteo.* C. Ex. Mexican birds for those of China and Australia.
Finck, Hugo, Cordova. *Arch., Bot., Geol.*
Flores, Dr. Reyes G., 25, Calle de Str. Domingo, Guadalajara. *Bot.**
Garay, Dr. Tiburcio, Colegio del Estado, Guanajuato. *Met.*
Garcia, Dr. Crecensio, Cotija Michoacan. *Nat. Hist., Geol.* C. Ex.
Garcia Icazbalceta, Joaquin, City of Mexico.
Glennie, Francisco, Guanajuato. *Mining Engineer.*
Gonzala, J. Eleuterio, Monterey. *Bot.*
Gonzalez, Jesus, City of Mexico. *Bot.*
Gutierrez, José Ma., Ameca, Jalisco. *Bot.**
Heinemann, Dr. C., Vera Cruz. *Physiol.*

Herrera, Alfonso, Escuela Nacional Preparatoria, ó 2, Calle de S. Juan, 4, City of Mexico. *Bot.*
Huacuja, Francisco F., Botica de San Francisco, Morelia. *Pharmacy, Chem.**
Ibanez, Joaquin, Mem. Nat. Hist. Soc., Puebla. *Bot.*
Iparraguirre, Francisco Fernandez, Pharmacien, Guadalajara. *Bot.* C.
Jimenez, Francisco, Colegio del Estado, Guanajuato. *Phil.*
Landero, C. F. de, Chief Engineer of the Mexican Scientific Commission for the Pacific Coast, Guadalajara. *Natural Science, Min., Chem.* C. Ex. minerals and rocks.*
Lazo de la Vega, J. M., City of Mexico. *Bot.*
Leon, Miguel Velazquez de, M.E., Hacienda de Pabellon, Aguas Calientes. *Mining, Agriculture.* Can procure silver, copper, and lead ore samples under an industrial point of view.*
Lobato, Flavio, Guanajuato, *Min.*
Loper, Carlos M., Aguas Calientes.
Lopez, Dr. Francisco. Calle 63, Morelos. *Meteo.*
Malo, Alberto, Frendicion de Pastita, Guanajuato. *Mechanical Engineer.*
Mariano Leal, Leon E. de, Guanajuato. *Chem., Meteo.* C. Ex. Has meteorological data for three years.
Medal, Dr. Melesio, Patzcuaro Michoacan. *Meteo., Bot.*
Médico, Paramo, City of Mexico. *Meteo.*
Mendivil, Cirilo Gomez, Lagos. *Agric.**
Mendoza, Gumesindo, City of Mexico. *Bot.*
Monroy y Salazar, Pedro L., San Luis Potosi. *Min.*
Moreno, Aniceto, Orizaba. *Bot.*
Munoz, Rudolfo, Real del Monte. *Mining Engineer.*
Muro, Luis, Colegio del Estado, Guanajuato. *Min.*
Navia, Severo, Prof. School of Mines, Guanajuato. *Min.*
Ochoa, Juan, City of Mexico. *Min*
Olguria, Agustin, Guanajuato. *Mining Engineer.*
Oliva, Sabino, Guadalajara. *Bot.**
Olnda, Luis, Guanajuato. *Mining Engineer.*
Orages, Pablo, Guanajuato. *Mining Engineer.*
Orozco, Pablo, Guanajuato. *Min.*
Peñafiel, Antonio, Sec. Nat. Hist. Soc., City of Mexico. *Bot.*
Penzuela, Luis Rables, Calle S. José, Guanajuato. *Mining Engineer.*
Perez, Lalaro, Chemist and Druggist, Prof. in the Institute of Science, Calle de Santa Teresa, 18, Guadalajara. *Chemistry and Pharmacy.*
Perez de Arce, Facundo, Guadalajara.
Perez y Arce, Manuel, Chemist and Druggist, Calle de Santa Monica, 4, Guadalajara. *Pharmacy and Chemistry.*
Peza, Juan de Dios, City of Mexico.
Pimentel, Francisco, City of Mexico.
Puente, Feliciano G., Botica de Yd. Morelos. *Pharmacy.*
Quijano, Fiacro, Mazatlan. *Bot.*
Rables, Dr Joaquin, Calle Sn. Felipe Nezri, 19, City of Mexico. *Surgery.*
Ramirez, José, City of Mexico. *Bot., Zool.*
Ramirez, Santiago, City of Mexico. *Mining Engineer.*
Ramos, José, City of Mexico. *Bot.*
Reynoso, Francisco, M.E., Prof. de Fisica en el Colegio del Estado *Geol., Min., Crystal., Lithol., Met., Physics.* C. Ex.*
Reyes, Manuel O., City of Mexico. *Bot.*
Rocha, Ignacio G., Calle de Sopena, Guanajuato. *Mining Engineer.**
Romero, Carlos, Prof. de Géologie et de Paléontologie au Collége, Guanajuato.
Salgado, Dr. Francisco, Colegio del Estado, Guanajuato. *Pathol.*
Sanchez, Jesus, City of Mexico. *Zool.*

Santibañez, Dr. Abraham, Colegio del Estado, Guanajuato. *Anat.**
Sauri, Ricardo, M.D., Merida, Yucatan. *Ent.*
Segura, José, City of Mexico. *Bot.*
Sepúlveda y Lucio, Fernando, Licenciado en Farmacia, Plaze, 6, Farmacia, Villa de Brihuega, Guadalajara. *Botany.* C. Ex.
Silva, J., Zacatecas. *Geol.*
Socket, Sherman G., Corralitos. *Met.*
Sumichrast, Prof., Tehuantepec. *Bot., Zool.*
Tena, Dr. Miguel, Botica de Guadalupe, Catarinas, 16, Morelia. *Bot., Meteo., History.* C. Ex.*
Tonel, Jean, Cordova. *Bot.*
Unacuja, Francisco, Zacatecas. *Pharm., Bot.* C. Ex
Urbina, Manuel, City of Mexico. *Bot.*
Velasco, José Ma., City of Mexico. *Zool., Bot.*
Villada, Manuel, Nat. Museum, City of Mexico. *Bot., Zool.*
Wadgymar, L. A., City of Mexico. *Zool., Orn., Bot.* C.
Yarate, Francisco P., Zacatecas. *Mining.*
Yturbide, Dr. Luis, C. de Zarate, 2, Morelia. *Surgery.*

MIQUELON, L'ILE.

Delamare, Dr. E. *Bot., Nat. Hist.**

NEWFOUNDLAND.

Fowler, Great Placentia. *Mining.*
McKendrick, Neil, Great Placentia. *Mining.*
Murray, Alexander, C.M.G., F.G.S., Dir. Geological Survey of St. John's, Newfoundland. *Palæo., Geol., Lithol., Chem.* C. Ex.*
Somerville, Beverly R., M.D., Western Bay. *Medicine, Arch., Gen. Antiq., Eth.* Correspondence solicited from those desiring rare or current Postage Stamps. Wishes to dispose of used or unused Newfoundland Postage Stamps.

WEST INDIES.

ANTIGUA.

Nicolson, Dr., Antigua. *Bot.*

BAHAMA ISLANDS.

Saunders, Harry R., Nassau, N.P. *Ferns, Algæ, Sponges, Sea Shells.**

BARBADOES.

Webb, Right Rev. T. W., Prin. Codington Coll.

CUBA.

Aguiar, Mauricio Alfonzo y, Ingenio demolido, Santo Cristo. *Lepidoptera.* C.
Aguilera, Cayetano, Rue O'Reilly, 42, Havana.
Aguilera, Manuel Antonio, Rue O'Reilly, 42, Havana.

Arango, Dr. Rafael, Acosta, 28, Havana. *Malacology.* C. Ex. shells.
Babé, Dr., Con. del Museo de Historia Natural de la Acad. de ciências, medicas, fiscas y Naturales, Calle de San Ysidro, Havana. *Moll.* C.
Blain, José, San Cristobal. *Bot.*
Cabrera y Martinez, José, Santa Maria del Rosario. *Lepid.*
Casals y Sust, Jorge, Calle de Galiano, 69, Havana. *Lepid.*
Clerk, Francisco, Rector del Colegio de los Bdoz Escolapios de Guanabacoa. *Min., Moll.* C.
Gárro, Felix Suarez, Calle de Manrique, 111, Havana. *Lepid.*
Gundlach, Juan, Ingenio Fermina, Bemba. *Mam., Orn., Herpetol., Con., Ent.* C.*
Gutierrer, Dr. José Nicolas, Rector de la Univ., Calle del Sol., Havana. *Zool., Moll.* C.
Lachaume, Jules, Dir. Garden, Havana. *Bot.*
Latorre, Carlos, Colegio de San Carlos, Matanzas. *Zool.* C.
Martin, Angel, Mauranillo. *Orn.*
Martinez, José Cabrera, Ciudad de Santa Maria del Rosario. *Lepid.* C. Ex.*
Morales, Dr. Sebastian A. de, Calle de Verlarde, 5, Matanzas. *Bot.*
Pichardo y Pichardo, Gabriel, Havana.
Poey, Dr. Felipe, Calle de San Nicolas, 96, Havana. *Ichth.**
Presas, J. Manuel, Matanzas. *Bot.*
Reinoso, Fernando, Calle de las Animas, 135, Havana.
Ruiz Melo, Ernesto, Havana.
Santos Fernandez, Dr. Juan, Paseo de Facon, Carlos III, Quimba de Foca, Havana.*
Sauvalle, Francisco A., Havana. *Bot.*
Vilaro, Dr. Juan, Rue Reina, 40, Havana.
Yradi, José Cayetano. *Ent.*

CURACOA.

Wills, J., Lainson, care Messrs. Evertez, Curacoa. *Min.*

DOMINICA.

Nicholls, Henry Alfred Alford, M.D., M.R.C.S., Dominica. *Nat. Hist., Zool.* C.

GUADELOUPE.

Boname, P., Dir. Agric. Station, Pointe à Pitre. *Bot.*
Mazé, Basse-Terre, Guadeloupe.

JAMAICA.

Bancroft Espent, William, Spring Garden, Buff Bay, Jamaica. *Bot., Geol., Chem., Elect., Meteo.**
Bowrey, James John, F.C.S., F.J.C., Gov't Analytical Chemist, Kingston. *Chem., Ent., Gen. Nat. Hist.*
Brennan, J. F., District Engineer's Office, Kingston. *Physical Science.**
Bürger, Herman John, Collector of Internal Revenue, 88 King St., Jamaica. *Geol., Min., Nat. Phil., Ast., Meteo.*
Chamberlin, S. N., Kingston. *Bot., Mic.* Jamaica Ferns for sale.*
Cockburn, N. S., 14 East St., Kingston, Jamaica. *Ent.* C. Ex.*
Fiddes, Dr. Alexander, Kingston.
Hall, Maxwell, M.A., F.R.A.S., Jamaica, W.I. *Meteo., Ast.,**

Hart, John Hinchley, Supt. Government House, Supt. Cinchona Plantation, Gordon Town P.O. *Gen. Bot., Ferns, Microscopical Examination of Plants in general.**
Institute of Jamaica. Organized, 1879. His Excellency E. Newton, Chairman; H. Priest, Sec. Museum and Library.*
Mais, Rev. J. L., Walton. *Lepid.*
Morris, Daniel, M.A., F.G.S., Dir. Bot. Dept., Jamaica. *Bot., Spec. Graminiæ, Orchideæ, and Silices of Jamaica.* C. Ex. Valuable seeds and economic plants desired in ex. for similar produce from the Tropics.*
Musgrave, Anthony, Kingston. *Ichth.* C.*
Newton, Lieut.-Gov. Ed., C.M.G., Colonial Office, Kingston. *Orn.*
Syme, George, Supt. Castleton Bot. Gardens, Kingston. *Bot., speciality Conifers, Orchids, Evolutionists.**
Plummer, C. H., Kingston. *Orn.*
Vendryes, Louis Henry, Solicitor, Kingston, Jamaica. *Con.**

MARTINIQUE.

Belanger, Ch., Dir. Colonial Gardens, St. Pierre. *Bot.*

PORTO RICO.

Alfau y Baralt, Antonio, San Juan. *Coleopt., Lepid.*
Guillerna, César de, Ingeniero de Montes, San Juan. *Bot.*
Stahl, Dr. Augustin, Rayamon. *Moll.*
Vasconi, Dr. Angel, Ingeniero de Minas, San Juan. *Min., Geol., Palæo.*

ST. THOMAS.

Bryan, C. E., St. Thomas, Collector. *Bot.: Ferns, Mosses, Algæ, Crustacea, Moll., M., L. and F. W. Shells.* C.*
Calderon, H. Charles, St. Thomas. *Bot.*
Eggers, H. F. A. Baron, St. Thomas. *Bot.*

SAN DOMINGO.

Dehoux, Dr. J. B., Dir. Med. Sch., Port-au-Prince. *Bot.*
Droit, Prof. J., Medical School, Port-au-Prince. *Bot.*

SANTA CRUZ.

Dahl, Christian, Santa Cruz. *Bot.*

TRINIDAD.

Cort, Dr. J., Port of Spain. *Bot.*
Fendler, Augustus, Port of Spain. *Bot., Met.*
Guppy, R. J. Lechmere, F.L.S., F.G.S., Superintendent of Education, Trinidad. *Geol., Con.* C.*
Marshall, Rev. T. A., M.A., Golconda Estate, near San Fernando. *Ent.*
Prestoe, Henry, Botanic Garden, Port of Spain. *Bot.*
Songer, T. B., Botanic Garden, Trinidad.

SOUTH AMERICA.

ARGENTINE REPUBLIC.

Arata, Prof. Dr. Pedro R., Buenos Ayres.
Barrows, W. B., Concepcion del Uruguay, Prof. Nat. Hist. and Chem., Government College.
Berg, Prof. Carlos, Catedrático de Zoologio en la Universidad y de Historia Natural en el Colegio Nacionel, Buenos Ayres. *Ent.: Hemipt., Orthopt.* C.
Bollaert, Charles W., Rosario.
Burmeister, Dr. Carl H. C., Dir. Nat. Mus., Buenos Ayres.
Carulla, Federico M., Chemical Engineer, Dir. of the Nat. Gunpowder Factory, Buenos Ayres.*
Carvajal y Rueda, Basilio, Calle de Moreno, 196, Hotel del Sur, Buenos Ayres.
Cisneros, José, Calle Chili, 338, Buenos Ayres. *Phæn. and Crypt. Bot., Lichens.* C. Ex.
Döring, Dr. Adolph, Cordova. *Moll.*
Gallegos y Sardina, Dr. Ventura, Mendoza. *Nat. Sciences, Coleoptera.* C. Ex.*
Gould, Benj. Apthorp, Observatory, Cordova. *Ast.*
Hieronymus, Prof. G., Cordova. *Bot.*
Holmberg, Eduardo, Calle Cèrrito, 424, Buenos Ayres. *Ent., especially Arachnida.*
Jarodi, Dr. Domingo, Calle Defensa, 185, Buenos Ayres. *Chem., Bot.*
Kinkelin, E., Buenos Ayres. *Lepid.*
Lamas, Andrés, Buenos Ayres.
Lista, Ramon, C. de la Reconquista, 93, Buenos Ayres.
Lynch, Enrique, Arribolzaga, S. José de Flores (Province de Buenos Ayres).*
Lynch, Felix Arribolzaga, Chacabuco, Buenos Ayres. *Coleopt.*
Maxwell, David, Buenos Ayres.
Mitre, Gen. Bartolomé, Buenos Ayres.
Moreno, F. P., Buenos Ayres. *Palæo.*
Perkins, W., El Gran Chaco.
Quesada, Vicente, Buenos Ayres.
Roth, Santiago, San Nicolas. *Palæo., Mammiferous fossils.* C. of fossils for sale.
Spegazsini, Dr. Charles, Chimiste et Botaniste, Cabinete de Historia Natural de la Universidad, Buenos Ayres. *Phæn. and Crypt. Bot., Mycology, Agrostology.* C. Ex.*
Thome, John M., Cordova. *Ast.**
White, Ernest William, F.Z.S., 217, Calle Corrientes, Buenos Ayres. C.*
Zeballos, Estanislao S., Rue du Peron, 23, Buenos Ayres. *Geog., Arch., Anth., Geol.* C. Ex. books and maps for Geographical maps of N. America.*

BOLIVIA.

Campero, Gen., Sucre.
Gamucio, Gil de, Cochabamba.
Gutierrez, José R., La Paz.

BRAZIL.

Austin, Richard, Rio Janeiro.
Bom-Retiro, Pedreira, Vizconde de, Rio Janeiro. *Geog., Eth.*
Breistenbach, Dr. Wilhelm, Porto Alegre, Rio Grande do Sul. *Ent.: Orthopt.*
Capanema, Dr. L. S. de, Consul, Rue de San Leopoldo, 1, Rio Janeiro. *Bot.*
Carvalho, Dr. Pedro, A. de, Dir. Hospital Miséricord, Rio Janeiro.
Cruls, L., Obs., Rio Janeiro. *Ast.*
Don Pedro II., Emperor of Brazil, Rio Janeiro. *Ast.*
Glazion, Dr., Dir. Public Gardens, Rio Janeiro. *Bot.*
Hahnel, San Paulo, Upper Amazon. *Ent.*
Homen de Mello, Dr. Francisco Ignacio M., Baron de, Rio Janeiro. *Geol., Eth.*
Lacerda, Antonio de, Bahia. *Ent., Min.* C.*
Liais, Dir. Imp. Obs., Rio Janeiro.
Löfgren, Alberto, Morton College, San Paulo. *Bot., Algology, F. W. Algæ.* C. Ex.
Magalhaes, Dr. J. V. C. de, Rio Janeiro. *Geog., Eth.*
Mathan, de, Mare, Para. *Ent.*
Netto, Ladislao, Dir. Imp. Mus., Rio Janeiro. *Bot.*
Neave, Dr. John, Rue de Principe, 14, San Paulo. *Myct.*
Puiggari, Dr. Juan T., Apiahy, San Paulo. *Cryptogamia, Gramineæ, Algæ, and Mosses.* C. Ex.
Regnelé, Dr. A. F., Caldas, Minas Geraes. *Bot.*
Ribeiro, Julio, Morton College, San Paulo. *Philol.*
Ringgani, Juan T., Apiahy, San Paulo. *Cryptogamia.*
Rio Branco, J. M. de Silva, Rio Janeiro. *Geog., Eth.*
Sequeira, Luis A., Belgian Consul, Pernambuco.
Souza, Fontes, Prof. Dr., Rio Janeiro. *Geog., Eth.*
Tootal, Albert, Rio Janeiro. *Anth.*
Wilson, A. H. Para.

CHILI.

Amunátegui, Miguel Luis, Santiago.
Barros Arana, Manuel, Santiago.
Domeyko, Ignacio, Santiago.
Espic, Dr. Juan E., Santiago.
Huidobro, Charles G., Valparaiso.*
Leyboldt, Friedrich, Santiago.
Matta, William, Santiago.
Philippi, Prof. Federico, Santiago. *Bot.*
Philippi, Dr. R. A., Santiago.
Prado, Ulclarico, Santiago.
Reed, Edwin C., Calle Collegia, Valparaiso.
Séve, Ed., Valparaiso.
Verzara, José Ignacio, Santiago.

ECUADOR.

Cordero, Luis, 14, Victoria St., Cuenca. *Bot., Hort.*
Destruge, Dr., Guayaquil.*
Flores, A., Quito.
Gomez Valdez, C., Guayaquil.
Herrera, P., Quito.
Larrea, Manuel Angel, Quito.
Matovelle, Julius, Cuenca.
Peralta, Austin T., 41 Solano St., Cuenca. *Bot., Hort., Phys., Philol.**

BRITISH GUIANA.

Campbell, W. H., LL.D., Sec. Roy. Agric. and Commercial Soc., Georgetown.
Exley, Percival, B.A., Prin. Queen's Coll., Georgetown. *Orn.*
Francis, E. E. H., F.C.S., Government Analytical Chemist, Georgetown. *Chem.*
Hawtayne, Geo. H., Georgetown. *Zool.*
Jenman, G. S., F.L.S., Government Botanist, Georgetown. *Bot.**
Russell, Hon. William, Georgetown. *Hydrostatics and Scientific Agric. (Tropical).*
Scard, F. I., F.C.S., Georgetown. *Analyt. Chem.*
Thurn, E. F., M.A., Georgetown. *Anth., Orn., Lepid.*

DUTCH GUIANA.

Burls, Herbert Thomas, care of M. de Mesquita, Paramaribo, Surinam.

PERU.

Barranca, José S., Lima. *Arch., Nat. Hist.*
Chacaltana, Cesare, Lima.
Dibos, Felix, Lima.
Macedo, Mariano, Lima. *Arch.*
Mendiburn, Gen. Manuel de, Lima.
Mesa, Pio B., Cuzco. *Arch.**
Pasapera, Manuel S., Lima.
Quiros, Francis, F.L.S., Lima.
Sanchez, Hipólito, Arequipa.

URUGUAY.

Arteaga, Alberto de, Montevideo. *Mechanical Engineer.*
Arteaga, Rudolfo de, Assoc. M. Inst. C.E., Mem. Soc. of Arts of the Geol. Soc. of King's Coll., and of the Scientific and Mechanical Soc. of Manchester, and of the Sociedad Cientifica Argentina, 68 Rincon, Montevideo.*
Barrial Posada Clemente, Montevideo. *Min., Geol., Palæo.*
Fleury, L., M.D., Montevideo. *Surgery.*
Maeso, Justo, Montevideo. *Geol.*
Magarinos Cervantes, Maeto, Montevideo.
Mendez, Gualberto, M.D., Montevideo. *Surgery.*
Vidal, Francisco A., M.D., Montevideo. *Surgery.*

U. S. OF COLOMBIA.

Balen, Carlos, Bogotá. *Lepid.*
Perez, Lazaro Maria, Bogotá.
Thiel, Dr. Julius, Panama. *Lepid., Coleopt.* Collects and sells spec. of Nat. Hist.
Zeltner de, M. A., Panama.

VENEZUELA.

Acosta, Cecilio, Caraccas.
Ernst, A., Caraccas.
Francis, Henry, New Quebrada Mines, care of Messrs. Boulton & Co., Puerto Cabello.

Part II.

INTERNATIONAL DIRECTORY.

EUROPE.

AUSTRO-HUNGARY.

Abel, Dr. L., Hochschule für Bodencultur, Vienna. *Agric.*
Aberle, Prof. Dr., Bot. Gar., Salzburg. *Bot.*
Abt, Dr. Anton, Ord. Prof. der Physik an der K. Ung. Franz-Josef Universtät, Klausenburg. *Physics.* C.
Achleitner, Carl, Weilbach bei Obernberg. *Coleopt.* C. Ex.*
Ádler, Károly, Deva. *Geol.*
Adolf, Dr. Kunc, Dir. Obergymnasiums und Ritter des Franz-Josef Ordens, Steinamanger. *Physics.* C.*
Aichinger, Prof., Feldkirch. *Bot.*
Albrecht, Hermann, Agram. *Lepid.*
Alexi, Dr. A. P., Prof. der Naturwissen-schaffen am Obergym. zu Nassod, Mitglied der Anthropologischen Gesellschaft in Wien. sowie anderer wissensch. in liter. vereines. *Bot., Geol.* C. Ex. offers curiosities of Carpathian flora; Senecillis, etc.
Allami, Fehertemplom. *Geol.*
Almásy, Móricz, Becs. *Geol.*
Alth, Dr. Alois v., Prof. Min., University, Krakau. *Geol., Palæo.* C. Very large collection, will send catalogue if desired.
Ambrosi, Fr., Dir. Museum, Trent. *Bot.*
Amerling, Dr. Carl, Prague, Bohemia.
Andreis, Johann, Mariehilf, 30, Innsbruck. *Lepid.* C. Ex.*
Angelis, Joh., Prague, Bohemia. *European Lepid.*
Anker, Ludwig, Bahngasse, 173, Budapest. *Lepid., Coleopt.*
Anker, Rudolf, Fabriksg., 155, Budapest. *Lepid.*
Antoine, Fr., Dir. Imp. Gar. of Hof Burg, Vienna. *Bot.*
Arányi, Dr. Lajos, Budapest. *Geol.*
Arpad, Saxlehner, Budapest. *Coleopt.*
Auspitz, Prof. Heinrich, I. Rosengasse 8, Vienna.
Ausserer, Anton, Prof. Dr., An I. Staatsgymn. Grätz. *Zool., Arach.*
Bach, Dr. József, Szecseny. *Geol.*
Baczó, Gabriel, Prof. an der Hochschule, Zilah. *Bot.*
Baczoni, Albert, Kassa. *Geol.*
Balló, Mátyás, Budapest. *Geol.*
Barbieux, August, Rothenthurmstr., 18, Vienna. *Lepid.*
Barrande, Dr. Joachim, Kleinscite, Choteksgasse, 419, Prague, Bohemia. *Palæo. of the Palæozoic Formation.* C.*
Barth, Jos., Lagenthal, near Blasendorf. *Bot.* C.
Barth v. Bartenau, Prof. E., Univ., Vienna. *Chem.*
Bartolini, Dr. Stefano de, Borgo, Tyrol. *Coleopt. of Europe.*
Bartscht, Ambros., Haupstr., 4, Hernals. *Lepid.*
Báthory, Nándor, Budapest. *Geol.*
Batthyany, Béla, Skervár. *Bot.*
Bauer, Dr. A., Prof. Polytechnicum, Kärnthnerstrasse, 20, Vienna, I. *Chem.*
Bauer, C., Bot. Gar., Lemberg. *Bot.*
Baumbach, F., Trieste. *Bot.*
Baumeister, Dr. Joh., Teplitz. *Ent.*

Baumler, J. A., Durrmantthorg., 26, Presburg. *Bot.*
Beck, Dr. Günther, Herrengasse, 14, Vienna. *Bot.*
Becke, Friedrich, Ph.D., Prof. Min. Univ. Czernowitz, Bukowina. *Petrography.**
Beckerhinn, Dr. C., Hintere Zollamtsstrasse, 3, Vienna, III. *Chem.*
Behmann, Dr. A., Kozyzowa, 21, Krakau. *Bot.*
Belházy, János, Budapest. *Geol.*
Belohoubek, A., Prof. Univ., Prague, Bohemia. *Chem.*
Benedikt, Dr. R., Hochschule, Schwindgasse, 18. Vienna, IV. *Chem.*
Benes, Guyula, Petrozseny. *Geol.*
Benndorf, G., Prof. Univ., Vienna. *Arch.*
Benseler, Fr., Bot. Gardens, Vienna. *Bot.*
Benz, Robert von, Sillgasse, Innsbruck. *Phæn. Bot.* C. Ex.
Beranek, Tabor, Bohemia. *Coleoptera.*
Berecz, Anton v., Director der Köng. Ungar. höheren Staats Töchterschule, General-Secretär der Ung. Geograf. Gesellschaft und Redacteur der "Mittheilungen" dieses Gesellschaftes ein 10 Jahren., Budapest. *Physics and Geol.*
Bergenstamm, J. Edler v., II, Tempelgasse, 8, Vienna. *Diptera.**
Bermann, Joseph, Secretaer d. k. k. Gartenbau Gesellschaft und Lehrer and Gartenbau Schule, Weihburggasse, 31, Vienna, I. *Botany.* C.
Bernard, Karl, Hochgräfl, Eduard Palffy von erdödscher Oberförster in Vacikou bei Preznitz via Pribram, Bohemia. *Coleoptera, Lepid.*
Bernáth, József, Budapest. *Geol.*
Bertalan, Miklos, Vihnye. *Geol.*
Berwerth, Dr. Fritz, Asst. am k. k. naturhist. Hofmuseum, Vienna. *Min.*
Beust, Constantin F. F. von, Vienna.
Biasioli, Carl, Tunrain, 16, Innsbruck. *Entomology, Con.* C.
Bielz, Eduard Albert, Pres. Siebenbürg Vereins für Naturwissenschaften, Hermannstadt. *Geol., Min., Zool., Arch., Moll.* C. Ex.*
Bierbauer, Prof. Lipot, Györ. *Phys.*
Bilimek, Dr., Dir. Museum at Miramare, Trieste. *Bot.*
Billroth, Teodore, Vienna.
Birkenmajer, Dr. L., Univ., Krakau. *Physics.**
Biró, Ludwig, Reformiter Theolog, Sátoralja-Ujhely. *Hymenop., Coleopt.* C. Ex.
Bittner, Dr. A., Univ., Rasumofskygasse, 23, Vienna, III. *Geol., Paleo.*
Blaas, Dr. Josef, Docent Univ., Innsbruck (Tyrol). *Geol., Petrography.* C. Ex.
Blasius, H., Pfarrer, Mariahof, Post Neumarkt, Styria. *Orn., Ool.* C.*
Blumentritt, Ferdinand, Prof. Communal-Oberrealschule, Leitmeritz, Bohemia. *Geol., Bibliog., Geog. Dist., Anth., Arch., Eth., Ethnol, Philol.**
Bochdalek, Dr. Vincenz A., Prof. Emer., Leitmeritz, Bohemia.
Böckh, Johann, Geologische Anstalt, Budapest. *Geol.*
Bogsch, Joh., Prof. Realschule, Presburg. *Lepid.*
Bohatsch, Albert, I, Schreigasse, 2, Vienna. *Coleopt.*
Bohatsch, Otto, IV, Bez., Fleischmannsg., 8, Vienna. *Lepid.*
Böhm, Prof. J., Univ., Vienna. *Morphology, Syst. Bot.*
Bolle, D., Görz. *Bot., Chem., Agric.*
Boltzmann, Dr. Ludwig, Prof. Univ., Halbärthgasse, 1. Grätz. *Phys.*
Borbás, Prof. Dr. V. de, Dessewffygasse, 3, Budapest. Bot. C.
Boricky, A., Prof. Univ., Prague, Bohemia. *Min.*
Bothár, Dániel, Pozsony. *Geol.*
Brancsik, Dr. Carl, Trencsin. *Coleopt.*
Brandowski, A. R., Prof. Univ., Krakau. *Eth.*
Branik, Carl v., Szobotist Neutra. *Bot.*
Brassai, Prof. S., Univ., Klausenburg. *Math.*

Brauer, Prof. Dr. Friedrich, Moritz, Custos am kais. zool. Hof-museum, Prof. Zool. Univ.; Con. M. I. kais, Akad. d. Wissensch. I. Wollzeil, 23, Vienna. *Ent., Diptera, Neuroptera, Biology, Crustacea, Phyllopoda.* C.*

Braun, Gustav, k. k. Prof. an der Oberrealschule, Troppau. *Coleopt., Lepid.*

Braun, Dr. H., Museum, Vienna. *Bot.*

Bredel, J. H., Montanistiker, Privat, v. z. in Peggau, Grätz. *Met., Mic.* C. Ex.

Breidler, Obere, Weisgärbcbstr. 15, III., Vienna. *Bot.*

Breitenlohner, Dr. Jacob, k. k. Hochschule für Bodencultur, Reitergasse, 7, Vienna, VIII. *Geol., Lithol., Meteo.**

Bresadola, Tacopo (Abbé), Magras bei Triente, Tyrol.

Brezina, Dr. A., Cur. k. k. Mineralog. Hofcab.; Docent Univ., Vienna. *Min., Lithol., Crystal., Meteorites.* Ex. meteorites for the museum.*

Breznyik, János, Selmecz. *Geol.*

Brittner, Dr. Alex., k. k. Geolog. Inst., Vienna. *Geol.*

Brock, Ingeneur, Fünfkirchen. *Coleopt.*

Brosche, Edward, Sparkasse, Prague, Bohemia. *Bot.*

Broszmann, Jenö, Selmecz. *Geol.*

Bruck, Ferenc, Ujvidék. *Geol.*

Brücke, Dr. E. W. von, Prof. Physiol., Univ. Währingerstrasse, 11, Vienna, IX.*

Brühl, Dr. Jul. W., Chem -Lab., Hochschule, Lemberg, Galicia. *Chem.*

Brühl, Prof. K. B., Univ., Vienna. *Zootomy, Comp. Anat., Osteol., Mic.*

Brüner, Prof. Dr. Max, Univ., Grätz.

Brunner v. Wattenwyl, Carl, Vienna. *Orthopt.* C.*

Brusina, Spiridion, Prof. der Universität und Dir. des Zool, National Museum, Zagreb (Agram), Croatia. *Zool., Palæo.**

Brzorád, I. Rudolph, Mogyorós Ny-Ujfalu. *Geol.**

Buchmuller, Ferdinand, Burggasse, 108, VII., Vienna. *Ent.*

Buda, Adam von, Gutsbesitzer, Reapost, Hátszeg, Transylvania. *Orn., Zool., Geol.* C. Ex.

Buday, József, Bodos. *Geol.*

Buggis, Andras, Unghvór. *Geol.*

Bühler, Prof. Dr. G., C. I. E., Richardgasse, 5, Vienna. *Indian Epigraphy and Law.*

Burány, Johann, Gran. *Palæo., Geol., Min.* C. Ex. Wishes minerals of America for fossils of Hungary.*

Bürgerstein, Dr. Alfred, Gymnasial-Professor, 15, Hörlgasse, Vienna. *Physiology of Plants.**

Bürgerstein, Dr. L., Univ., Hörlgasse, 15. Vienna, IX. *Geol.*

Burton, Capt. Richard F., Trieste.

Buza, Johann, Prof. in Reformer Hochschule, Sárospasar. *Bot., Diseases of Plants.* C.

Celakousky, Dr. Ladislaus, Prof. k. k. Universität, Korngasse, 1572, Prague, Bohemia. *Flora of Bohemia.* C. Ex. for flora of America.

Cermak, Wenzel, k. k. Militärgeogr. Institut, Kirchengasse, 40, Vienna. *Macro-Lepid.* C. Ex.*

Charwath, Dir. k. k. Oberrealschule, Troppau. *Lepid.*

Chavanne, Dr. Joseph, Redocteur in Mitthilungen der k. k. Geographischen Gesellschaft, I. Nibelungengasse, 15, Vienna. *Meteo., Climatology.* Ex.

Chiari, Dr. H., Univ., Vienna. *Pathol. Anat., Histol.*

Chrobak, Prof. R., Univ., Vienna.

Chytil, St., Loschitz, Moravia.

Chyzer, Dr. Cornelius, 8 A. Ujhely. *Coleopt.*
Ciesielski, Dr. Theophil, Prof. der Botanik an der Universität. Direktor des k. k. Botanischen Gartens, Lemberg. *Botany.* C. Ex. plants of Galicia for foreign.
Claus, Prof. D. C., Univ., Schottenring, 24, Vienna, I. *Zool., Anat.*
Claus, K., Prof. Univ. Vienna. *Comp. Emb., Osteol., Zootomy.*
Cobelli, Dr. R. de, Rovereto. *Bot., Mycology.*
Coch, Lüdwig von, k. ung. Schicklmeister, Schemnitz, Comitat Hent. *Mountain Geol.* C. Ex.
Csató, Johann von, Vicegespann des Unterweissenburger Comitates, Nagy-Enyed, Transylvania. *Orn., Bot.* C. Ex. Desires American birds and plants for those of Transylvania.*
Cseh, Lajás, Selmecz *Geol.*
Cserni, Béla, Gy.-Fehérvár. *Geol.*
Csernyus, Andor, Pecs. *Geol.*
Czanyuga, Jósef, Budapest. *Geol.*
Czerny, Prof. F. S., Univ., Krakau. *Physical Geog.**
Czerwiakowski, Prof. Dr de, Krakau. *Bot.*
Czeschka, Fritz von, Grätz. *Zoology.*
Czumpelik, Dr. E., Prof. Univ., Vienna. *Chem.*
Czyrnianski, E., Prof. Univ., Krakau. *Chem.*
Dadai, Eugen, Dr. der Philol., Assistant am der Universität zu Klausenburgh. *Entomostraca.* C. Ex.
Dahlström, Julius, Eperies. *Macro-lepidoptera.* C. Ex.*
Dalla Torre, Prof. Dr. K. von, Innsbruck. *Ent., Hymenop., Zool.*
Dantscher v. Kollesberg, Prof. V., Univ., Grätz. *Math.**
Dávid, Vilmos, Budapest. *Geol.*
De Adda, Sándor, Szlatina. *Geol.*
Déchy, Mór, Budapest. *Geol.*
Deininger, Emerich v., Professor an der Kön. Ungarischen landwirthschaftlichen Akademie; Leiter der Samencontrol und pflanzenphysiologischen Versuchs Station in Ung., Attenburg. *Bot., Phanerogams and plant culture.* C. Ex.*
Dékány, Dr. Ráfael, Kecskemet. *Geol.*
Demeter, Dr. Karl von, Prof. am. Collegium der Ev. Reform. Maros-Vásárhely. *Bot., Histology, Mosses.* C.*
Demuth, Theobald, Ritter, k. k. Finanzrath, Erdbergerstrasse, 19, Vienna. *Coleopt.*
Dérer, Mihóly, Selmecz. *Geol.*
Derzsi, K. Ferencz, Szekely-Udvarhely. *Geol.*
Deschmann, C. von, Museum, Laibach. *Bot.*
Dessewffy, Nicolaus Graf, jr., Debreezin. *Coleopt.* C. Ex.
Dexter, Heinrich, Carlsbad, Bohemia. *Lepid.*
Dier Lajós, Szathmar-Nemeti. *Geol.*
Dietz Sandor, Budapest. *Bot.**
Ditscheiner, Prof. Dr. L., Hochschule, Sterngasse, 6, Vienna, I. *Phys.*
Dobai, Vilmos, Dobsina. *Geol.*
Dobiasch, Eugen, Gospich, Croatia. *Min., Zool., Orn., Ent.* C. Ex.*
Doelter, Prof. Dr. Cornelio, Univ., Grätz. *Min., Lithol.**
Döll, E., Vienna.
Domalip, Dr. C., Univ., Prague. *Phys.*
Donath, Dr. Julius, Privat-docent Hochschule, Grätz. Baja (Bács). *Chem.**
Dorfinger, Joh, Sallmansdorf near Vienna. *Coleopt., Lepid.* C. Ex. Wishes American for European Lepid.*
Dorfmeister, Georg, Grätz. *Lepid.*
Drasch, Dr. Otto, Maiffredygasse, 2, Grätz. *Physiol., Histol.*
Drasche, Gustav, Bécs. *Geol.*

Drasche-Wartinberg, Dr. Richard Ritter v., Giselastrasse, 13, Vienna, I. *Zool., Invert. Anat.**
Drory, Vienna. *Apiculture.*
Duda, Ladislaus, Prof. Gymnasium, Königgrätz, Bohemia. *Ent., especially Hemipt.**
Duma, György, Budapest. *Geol.*
Durchlaucht, Richard S., Prince of Khevenmüller-Metsch, Vienna. *Ent.*
Durège, H., Prof. Universität, Weinberge, near Prague. *Math.**
Dzierzon, Dr. Johann, Carlsmarkt, Silesia.
Ebenhochöch, Franz, Rovoncsó. *Bot.*
Eber Nándor, Budapest. *Geol.*
Ebergényi Kálmán, Verespatak.
Eberstaller, Dr. Oscar, Grätz. *Anatomy.*
Ebner, Dr. Victor Ritter v., Prof. Univ., Göthegasse, 19, Grätz. *Histol., Emb.*
Eger, Dr. L., Breitegasse, 9, Vienna, VII. *Palæo., Geol., Min., Met., Zool., Emb., Anat., Anth., Eth., Vert., Mam., Orn., Osteol., Ent.* C. Ex.*
Eggenberger-féle, Budapest. *Geol.*
Egger, Samú, Budapest. *Geol.*
Ehrlich, Franz Carl, k. Rath, Linz. *Geol.**
Eichler, Dr. Gustav, Teplitz. *Coleopt., Lepid.*
Eissen, Dr. Ede, Budapest. *Geol.*
Elekes, Karl, Prof. an der Hochschule, Nagy Enyed. *Nat. Hist.*
Emich, Gust. v. Emöke, k. k. Truchess, Franziscanerplaz, 7, Budapest. *Lepid.* Buy and exchange.
Entz, Dr. Géza, Prof. der Zoologie und vergl. Anatomie an der k. Universität, Klausenburg. *Protozoa.* C.
Eötvös, Prof. L. Frhr. von, Univ., Budapest. *Phys.*
Erber, Josef, Siegmundsg., 9, Vienna. *Ent.*
Erdinger, C., St. Pölten. *Bot.*
Erdody, Sandor, Budapest. *Geol.*
Erjavec, F., Görz. *Zool.*
Ernst, Melle, M. Eysn., Thunstr., 19, Salzburg. *Bot.*
Escherich, Prof. G. von, Univ., Czernowitz. *Math.**
Esztrenga, István, Jász Berény. *Geol.*
Ettingshausen, A. v., Prof. Univ., Grätz. *Phys.**
Ettingshausen, Constantin Baron, Prof. Bot. Univ., Grätz. *Phyto-Palæo., Tertiary Flora.* C.*
Exner, F., Prof. Univ., Vienna. *Phys.**
Exner, Dr. K., Prof. k. k. Staatsgymnasium, Währingerstrasse, 29, Vienna, IX. *Phys.*
Eysn, M., Salzburg. *Bot.* Ex. Phanerogams.
Fabian, Prof. O., Univ., Lemberg. *Math., Phys.*
Fabiny, R., Prof. Univ., Klausenburg. *Chem.*
Fabry, Prof. Johan., Mem. Naturwissenschaften Gesell. Rimaszombat. *Phæn. Bot., Mosses, Fungi, Lichens, Lepid. Coleopt.* C. Ex.*
Failhauer, Alajos, Leoben, Styria. *Geol.*
Faller, Gustáv, Kassa. *Geol.*
Farbaky, Istvan, Selmecz. *Geol.*
Farkas, Dr. János, Sz-fejérvár. *Geol.*
Farkas, Dr. László, Mem. K. C. Gesell., Budapest.
Farkas, Róbert, Budapest. *Geol.*
Fauser, Antal, Budapest. *Geol.*
Feher, Alex., care Mosch & Co., Dorotheergasse, Budapest.
Feichtinger, Dr. Sándor, Gran. *Bot.*
Feismantel, Carl, Smichow, bei Prague, Bohemia. *Palæo., Bot.*

Fekete, Jos., Bot. Gar., Budapest. *Bot.*
Felder, Dr. C. F. von, Vienna. *Coleopt., Lepid.*
Fellner, Oskar, Schottenring, 15, Vienna, I. *Bot.*
Fenzl, Prof. Edouard, M.D., Vienna. *Bot.*
Fiala, Eduard, Garteningenieur. Bureau für Landschaftsgärtnerei. Slup-pergasse, 1483-II and 433-II., Prague (Bohemia). *Botany.*
Fiedler, Joh., Dir. Zuckerfabrik, Zungbunzlau, Bohemia. *Coleopt.**
Fillinger, Karoly, Budapest. *Geol.*
Finger, Dr. J., Univ., Vienna. *Phys.*
Fischer, Samu, Budapest. *Geol.**
Fitzinger, Dr. Leopold J., Hietzing. *Mam., Orn., Herpetol., Ichth.**
Fleischer, Dr., Brünn, Moravia. *Coleopt.*
Fleischer, Ant. Eol, Cand. Med. Teichg., 18, Prague, Bohemia. *Coleopt.*
Fleischl, Dr. E. von, Prof. Physiol., Univ., Vienna.
Fodor, Prof. Josef, Budapest. *Hygiene.*
Förster, J. B., Laderstrasse, 20. *Bot., Bryology.*
Foullon, Baron Heinrich v., k. k. Reichsanstalt, Vienna. *Chem., Crystal.* C. Ex.*
Franzenau, Agoston, Budapest. *Geol.*
Freh, Alfons, Güns. *Bot.*
Freyn, J., Beh, Aut. Civil Ingenieur-Karmelitergasse, 21, Prague, III. Bohemia. *Botany, Phanerogams.* C. Ex. Ranunculus for specimens not European.*
Freyn, Rudolph, Buchbergsthal bei Würbenthal. *Min.* C. Ex.
Fric, A., Prof. Univ., Prague, Bohemia. *Zool.*
Fric, V., Wladislawgasse, 21a, Prague, Bohemia. *Min., Geol., Palæo., Zool.* C. Ex.*
Friedau, Dr. Franz R. von, Vienna.
Friedenfeldt, Otto Ritter v., Nikolsburg, Moravia. *Coleopt., Lepid.* C. Ex. European for foreign.*
Friesach, K., Prof. Univ., Grätz. *Ast.*
Frisch, Dr. A. Ritter v., Prof. Kunst-Akad, Josefstädterstrasse, 17, Vienna, VIII. *Anat.*
Frischauf, Prof. Dr. Johann, Univ., Grätz. *Math.*
Frits, Josef, Tolesva. *Lepid.*
Frivaldszky, János, Museum, Budapest. *Ent., Coleopt., Geol., Con.*
Fröhlich, Dr. Prof. Isidor, Univ., Budapest. *Phys.*
Frosch, Louis, Porcellanmaler, Chodan bei Karlsbad, Bohemia. *Lepid.* C. Ex.*
Frühauf, T., Görz. *Chem.*
Fuchs, Dr. A., Univ., Vienna. *Forestry.*
Fuchs, Dr. C. W. C., Meran, Tyrol. *Geol., Lithol., Inorg. Chem.*
Fuchs, Theodor, Cus. k. k. Hof-Mineralien Kabinet, Vienna. *Palæo., Geol. (Tertiary).**
Fuss, Mich, Gross-Scheuern. *Bot.*
Gaiger, Vincenz, Zara, Dalmatia. *Lepid.**
Galantai, Eszterhazy Mikós, Budapest. *Geol.*
Gallik, Geza G., S. A. Ujhely. *Chemistry, Micro-Chemistry for Physiology, Pathology.* C.*
Gander, Linz. *Mosses, Hepatica, and Lichens.* C.
Ganglbauer, Ludwig, Asst. k. k. Zool. Cabinet, Vienna. *Coleopt., Orthopt.**
Gartner, Anton, Brünn, Moravia. *Lepidoptera.*
Garzarolli v. Thurnlackh, Dr., K., Univ., Grätz. *Chem.*
Gatterer, k. k. Major i. P., Josephg., 10, Grätz. *Colcoptera of Europe.*
Gegenbauer, L., Prof. Univ., Innsbruck. *Math.*
Gehring, Dr. F., Univ., Vienna. *Math.*

Geiringer, Carl, Napazedl, Moravia. *Bot., Lepid.**
Geittner, Josef, Budapest. *Coleopt.*
Genersich, Prof. A., Univ., Klausenburg. *Pathol. Anat.*
Gerenday, Antal, Budapest. *Geol.*
Geringer, Károly, Bécs. *Geol.*
Gerner, Johan, Hyby. *Ent.*
Gésa, G. Gallik, Chemiker, Thaschau. *Chem., Mic., Histol of Vert.* C. Ex.*
Gesell, Alexander, k ung. Bergrath, Shemnitz. *Mountain Geology.*
Geyer, Prof G. Julius, Igló. *Coleopt., Lepid., Orn., Bot., Pomology, Meteo.* C. Ex.*
Ghyczy, Géza, Budapest. *Geol.*
Gianone, Adolf, Miskolcz. *Geol.*
Glanzer, Gyula, Szabolcs. *Geol.*
Glanzer, Miksa, Diós-Györ. *Geol.*
Gleissner, Joh., Ollmütz. *Coleopt., Lepid.*
Glowacki, Prof Gymnasium, Pettau, Styria. *Bot.* C. Ex.*
Gobanz, Alois, Cavalese. *Coleoptera.*
Godlenski, Emil, Prof. der höheren landwirthschaftlichen Lehranstall, Dublany, near Lemberg. *Physiology of plants.*
Goldschmidt, G., Prof. Univ., Vienna. *Chem.*
Golián, Károly, Selmecz. *Geol.*
Göltl, Ernö, Györ-Szt-Márton. *Geol.*
Gombossy, János, Budapest. *Geol.*
Gomory, Sándor, Salgótarján. *Geol.*
Gorgey, Lajos, Derno. *Geol.*
Gothard, Jenö, Herény Astrophys, Observatorium bei Steinamanger. *Phys., Ast.* C.*
Gothard, Sándor, Herény Steinamanger. *Ast.*
Graber, V., Prof. Univ., Czernowitz. *Zool., Anat.*
Gradl, Heinrich, Kassier und Stadt Archivar, Eger, Bohemia. *Coleoptera, Hemiptera, Hymenoptera.*
Gredler, Vincenz, Dir. des Privat-gymnasiums, Bozen. *Coleoptera, Hemiptera,*
Greguss, Jânos, Baroth (Erdely). *Geol.*
Greisiger, Dr. Michael, Szepes-Béla. *Min., Lithol., Orn.* C. Ex.
Gremblich, P. Julius, Gymnasial-Professor, Hall, Tyrol. *Botany, especially Thistles and Willows, Heracæ and Roses. Concholoyy.*
Grenzenstein, Béla, Budapest. *Geol.*
Gretzmacher, Gyula, Selmecz. *Geol.*
Grobben, Dr. C., Univ., Vienna. *Zool., Phys.*
Grösse, Brigittapl., 1, Vienna. *Ent.*
Grosz, Heinrich, Steyr. *Macro.-Lepid. of Europe and Asia.* Ex.*
Grüber, Dr. Ludwig, Central-Anstalt für Meteorologie und Erdmagn. Budapest. *Climatology.*
Grünberger, Eduard, der k. k. Militair Apotheke, 9, Trieste. *Coleopt.*
Grunow, Albert, Chemiker, Berndorf, Leobersdorf, near Vienna. *Algæ, especially Diatoms.* C. Ex.
Gryglewicz, S., Dir. Bot. Garden, Lemberg *Bot.*
Grzegorzek, Dr., Curate in Bochnia, Galicia. *Diptera.* C. 10,000 spec.*
Guckler, Gyozö, Budapest. *Geol.*
Gudera, Karl, Kolowratring, 9, Vienna, I. *Native and foreign birds.*
Guppenberger, Le P. Lamb, Kremenmünster. *Bot.*
Gurlitt, W., Prof. Univ., Grätz. *Philol.*
Gürtler, Herm., Platteis, 416, Prague. *Europ. Coleopt., Exot. Lamellicornes.* C. Ex.
Guttenberg, Adolph Ritter v., Prof. Hochschule für Bodencultur, Vienna. *Bot.* C. Ex.

Guttenberg, Hermann Ritter v., k. k. Forstrath, Trieste. *Min.* C. Ex. Desires minerals from N. Am.
Gyözö, Siepligeti, Kövul, 50, Budapest. *Bot.*
Haberhauer, Joseph, Naturalist, Arpadg., 26, Fünfkirchen.
Haberlandt, Prof. Dr. G. J., Univ., Grätz. *Bot.*
Haberlandt, H., Prof. Univ., Grätz. *Bot.*
Habich, Otto, Hernals, Stiftgasse, 64, Vienna. *Macro.-Lepid.*
Hackel, Eduard, Professor am Gymnasium, St. Pölten. *Botany.* C. Ex. Offers Phanerogams of Central and Southern Europe, and wishes foreign Gramineæ.*
Haimhoffen, Gustav Ritter Hain, Dir. des k. k. minist. Zahlamts, VIII. Florianigasse, 2, Vienna. *Hymenoptera.*
Hadju, Dr. Gyula, Nagy Várad. *Geol.*
Halàcsy, Dr. Eug., Neubaugasse, 80, Vienna. *Bot.*
Halassy, Dr. Vilmos, Veszprém. *Geol.*
Halátz, Colom., Neustift, 68, Budapest, II. *Coleopt.* C. Ex.
Halaváts, Gyula, Budapest. *Geol.*
Halbherr, F., Rovereto. *Coleopt., Hellenic Philol. and Epigraphy.**
Halbhuber von Festwill, Ant., Freiherr. Exc. Vienna. *Coleopt.*
Hallama, Emil, Prossnitz, Moravia. *Lepid., Coleopt.* C. Ex.*
Hamberger, József, Bremmberg. *Geol.*
Hammerl, Dr H., Univ., Innsbruck. *Phys., Mic.*
Hampe, Dr. Clemens, Herreng., 6, Vienna. *Coleopt.*
Hanaman, Dr. Josef, Dir. Agric. Station, Lobositz, Bohemia. *Bot., Rubus culture, Meteo.*
Hanck, F., Via Rosetti, 229, Trieste. *Bot., Algology.**
Hanck, W. T., 4 Kellenbrückg., Vienna. *Phys.*
Handl, Prof. A., Univ., Czernowitz. *Physics.*
Handtken, Dr. M., Univ., Budapest. *Min.*
Hanf, Bl., Mariahof, Steiermark. *Orn.*
Hann, J., Austrian Met. Soc., Vienna.
Hansken, Max., Budapest. *Geol.*
Hantken de Prudnik, Le Chevalier Maximilian, Prof. an der Universität, Budapest.
Harslinszky, Friedrich, Dir. des evang. Lyceums in Eperjas. *Bot.*
Hasenfeld, Dr. Manó, Budapest. *Geol.*
Hatschek, Dr. Berthold, Zool. Inst., Vienna. *Embryology.*
Haury, C., Smichow, 418, Prague, Bohemia. *Coleopt., Carabidæ.*
Hausmann, Baron v., Bozen, Tyrol. *Ent.*
Hautken, Miksa, Univ., Budapest. *Geol., Min.*
Havogler, Prof. Vincenz, Innsbruck. *Zool., espec. Myriopoda.*
Haynald, Dr. Ludovicus, Cardinal, Archbishop of Kalocsa, Kalocsa. *Bot.**
Hayek, Dr. G. v., Marokkanergasse, 3, Vienna, III.
Hazay, Julius, Mullnergasse, 39, Budapest, IV. *Molluska.* C. Ex.*
Hazslinszky, Frigyes, Eperjes. *Geol., Lichens.*
Heckle, Hans, Saaz. *Ent.*
Heckle, Jean, Rösselgasse, 16, Saaz, Bohemia. *Palæo., Ent.: Lepid., Coleopt., Hemipt., Crustacea, L. and F. W. Snails.* C. Ex.*
Hederich, Fülelelke, Kokelburg.
Heeg, M., Circusgasse, 33, Vienna. *Mic.*
Hegedüs, Söndor, Budapest. *Geol.*
Heger, Franz, Custos am k. k. Naturhistorischen Hofmuseum, Vienna. *Eth. Arch.*
Heider, Dr. Arthur Ritter von, Docent f. Zool., Univ., Maiffredygasse, 4, Grätz. *Anthozoa, Corals, Radiates.**
Heimerl, Prof. Ant, Wiener-Neustat. *Bot.*
Heinricher, Dr. E., Grätz. *Bot.*
Heller, Camill, Prof. Zoologie an der Universität, Innsbruck. *Crustacea.*

Hellich, Johann, Poděbrad, Bohemia. *Phæn. Bot., Palæo., Geol., Ent., Dipt., Coleopt.* C. Ex.*
Hellweger, Michael, Dreiheiligen, Innsbruck. *Lepid.*
Hempel, E. G., Prof. Hochschule für Bodencultur, Vienna. *Forestry.*
Hennevogl von Ebenburg, Franz, k. k. Grenzinspector, Reichenberg, Bohemia. *Coleopt., Europ. and Exotic.**
Henschel, G., Prof. k. k. Hochschule für Bodencultur, Reitergasse, 17, Vienna, VIII.
Hepperger, Dr. Josef von, Asst. der k. k. Sternwarte, Vienna. *Ast.**
Herbich, Dr. Franz, k. k. Bergrath, docent an der Universität zu Klausenburg, und Custos-Adjunct Siebenburgischen Landmuseum, Klausenburg. *Geol.*
Herepei, Karl, Prof. an der Hochschule, Nagy Enyed. *Geol.*
Hering, Prof. E., Univ., Prague. *Physiol.*
Herman, Otto, Custos am. Ungar National-Museum, Budapest. *Arachnida, Orthoptera.*
Hermann, Gusztáv, Rozsnyó. *Geol.*
Herrich, Károly, Budapest. *Geol.*
Hesz, Moritz, II. Circusgasse, 35, Vienna. *Mic.*
Heufler, Ludwig von Hohenbühel, Freiherr, Ansitz Altenzoll, Hall, Tyrol. *Bot.* C. Ex.*
Hickl, József, Trsztena. *Geol.*
Hidegh, C., Prof. Univ., Budapest. *Chem.*
Hilber, Dr. Vincenz, Univ., Grätz. *Geol., Palæo.*
Hirner, Josef, VII. Neubaugasse, 70, Vienna. *Lepid.*
Hochstetter, Dr. Ferdinand v., k. k. Hofrath, Intendant des k. k. Naturhistorischen Hofmuseums, Vienna. *Geol., Anth., Eth, Arch.**
Hoernes, Dr. Rudolf, Prof. der Geologie und Palæontologie an der Universität, Grätz. C. Wishes to exchange fossils for the same.*
Hoffmann, A. von, Fiume. *Coleopt., Hemipt.* C. Ex.
Hoffmann, János, Budapest. *Geol.*
Hofmann, Dr. Alfred, Chemiker, Orsova. *Chem., Min., Geol.* C. Ex.
Hofmann, Carl, Geologische Anstalt, Budapest. *Geol.*
Hofmann, Prof. K. B., Univ., Grätz. *Med. Chem.*
Hofmann, Leopold F. F. von, Vienna.
Hofmann, Rafael, Bécs. *Geol.*
Hofmeister, Emil, Smikow, 391, Prague. *European Lepid.**
Hofmokl, Dr. Johann, k. k. Primararzt und docent für Chirurgie an der k. k. Universität, Nelforstosfesstrasse, 9, Vienna. *Chirurgy.**
Högyes, Prof. A., Univ., Klausenburg. *Pathol.*
Holetschek, Dr. Johann, Adjunct der k. k. Sternwarte, Vienna. *Astronomy, Course of the planet Ate, and of the comet of* 1874.*
Hollosy, Dr. Justinian, K.-Czell. *Geol.*
Holtschek, Graveur in der Leitenbergerischen Fabrik, Josephsthal-Comanos, Bohemia. *Lepid.*
Holuby, T. L., Nemes-Podhragy, bei Vág-Ujhely. *Bot.*
Hora, Paul, Bot. Gar., Prague, Bohemia. *Bot.*
Hornig, Dr. E., Haupstrasse, 9, Vienna, III. *Chem., Photog.*
Hornig, Johann v., Oberinspector Staatseisenbahn-Gesell., Rudolfsbreim, Schönbrunnerstrasse, 4, Vienna. *Lepid.* C. Will exchange, buy, or sell.*
Hornstein, Prof. C., Univ., Prague. *Ast.*
Horváth, Antal, Pecs. *Geol.**
Horváth, Ignacz, Budapest. *Geol.*
Horváth, Dr. v., Varanno. *Hemiptera.*
Hostinsky, C., Facset bei Lugos. *Coleoptera.*
Hradczky, Antal, Szepes-Olaszi. *Geol.*
Hübel, Christof, Schulgasse, 14, Prague. *Coleopt. and Lepid. of Europe.*

Hudak, Edward, Lehrer, Göllnitz, Zips. *Lepid.* C. Ex.
Hudoba, Gusztáv, Nagy Bánya. *Geol.*
Huffner, Tivadar, Budapest. *Geol.*
Hültl, József, Nagy Ag. *Geol.*
Hunfalvy, Dr. János, Budapest. *Geol.*
Hürsch, Agoston, Budapest. *Geol.*
Husz, Arnim, Prof. am Evang. Collegium, Esperies. *Coleopt., Macro.-Lepid.*
Huter, Rupert, Sterzing, Tyrol. *Phæn. Bot., Ferns, Mosses.* C.
Hutten, Moritz von, Gutsbesitzer, Neutraer Komitat, Nagy-Bossàn. *Bot., Lepid.* C. Ex.
Hüttenbacher, Custos des Fürstl. Fürstenberg'schen Naturaliencabinets, Nischburg, Beraun, Bohemia. *Coleopt.*
Hutten-Klingenstein, von, Gross-Bossàn.
Hyrtl, Dr. Joseph, Prof. Emer., Vienna.
Ignace, Prof. Dr., Dir. Agric. Sta., Vienna. *Bot.*
Inkey, Béla, Budapest. *Geol.*
Inkey, László, Szt. Lörinez. *Geol.*
Ipoly, Fehrér, Obergymnasial-Director, Gran. *Phys.**
Ischamer, Dr. Anton, Grätz.
Iszlai, Dr. Jósef, Budapest. *Odontology.* C. Ex.
Jablonszky, János, Budapest. *Geol.*
Jabornegg-Gámsenegg, Baron de, Dir. Bot. Gar., Klagenfurt. *Bot.*
Jahn, Dr. H. M., Univ., Vienna. *Chem.*
Jambory, K., Kristinenstadt, 182, Budapest, I. B. *Ent.*
Jamnitzky, Lipöt, Budapest. *Geol.*
Janczewski, Dr. Ed. de, Prof. Univ., Krakau. *Bot.*
Janka, V. v., Nat. Mus. of Hung., Budapest. *Bot.*
Janovsky, Dr. J. V., Prof. k. k. Staatsgewerbeschule, Richenberg, Bohemia. *Chem.*
Jendrassik, Prof. E., Univ., Budapest. *Physiol.*
Jermy, Gustáv, Bátor. *Geol., Bot.*
Jirak, Johann, Holleschwitz bei Prague, Bohemia. *Lepid. of Bohemia.*
Jirus, Prof. Dr. Boguslav, Univ., Agram. *Bot.*
John v. Johnesberg, Conrad, k. k. Geolog. Reichaustalt, Vienna. *Geol., Lithol., Chem.**
Joób, Frigyes, Budapest. *Geol.*
Joseph, Kaufmann, Neumannsgasse, 5, Vienna. *Coleopt.*
Junker, Rup., Salzburg. *Phæn. Bot., Con.*
Jurányi, Dr. L., Prof. Univ., Dir. Bot. Gar., Budapest. *Bot.*
Jurasky, Johann, k. k. Oberbergrath, Annaplatz 4 neu. Prague, Bohemia. *Coleopt. of Europe.*
Kachelmann, Karoly, Selmecz. *Geol.*
Kachler, J., Prof. Univ., Vienna. *Chem.*
Kacskovics, Sándor, Mocsolad. *Geol.*
Kail, Béla, Körmöcz. *Geol.*
Kallay, Benö, Pecs. *Geol.*
Kalmus, Dr. Brünn.
Kamenár, József, Szomolnok. *Geol.*
Kamienski, Dr. Franz, Docent Universität un der Politechnischen Hochschule, Lemberg *Bot.*
Kammerer, Prof., Trieste. *Bot.*
Kanitz, Dr. Aug., Dir. Bot. Gar., Prof. Univ., Klausenburg. *Bot.*
Kanka, Dr. Károly, Pozsony. *Geol.*
Kapeller, Ludwig, Wieden, Freihaus, Vienna. *Lepid.*
Karlinski, F. M., Prof. Univ., Krakau. *Math., Ast.*
Karolyi, Dr., Museum, Budapest. *Ichth.*
Karrer, Felix, Sec. des Wissenschaftlichen Club, Hauptstrasse, 80, Vienna, Ober-Döbling. *Geol., Palæo., Rhizopoda.* C.

Kaszás, Franz, Prof. der Naturwissenschaften am Gymnasium zu Sátoralja-Ujhely. *Coleopt.* C. Ex.
Kaufmann, Dr. Ernest, Werkarzt der I. k. k. priv, D.D. S.G. Fünfkirchen, Georggrubbe. *Coleopt., Ophilogus.*
Kaufmann, Josef, Neumannsgasse, 5, 2 St., Vienna. *Coleopt.*
Kávoli, Dr. Johann, Budapest. *Reptiles.*
Keck, Dr. Karl, Editor of Schultz's Herbarium Normale, Aistersheim. *Bot.* C. Ex. for Cal. and South American specimens.*
Keller, Emil, Vág-Ujhely. *Geol.*
Kémethy, Prof. Carl, Selmec. *Nat. Hist.*
Kempelen, Ludwig v., ob Donaustr., 29, Vienna. *Arachnida.*
Kempelen, R., Pressburg. *Lepid.*
Kenderesy, v., Hatzeg. *Coleopt.*
Kerner v. Marilaun, Dr. A. J., Prof. Univ., Dir. Bot. Gar., Rennweg, 14, Vienna. *Bot.*
Kerner, Jos., Alleestr., 21, Krems. *Bot.*
Kézmárszky, Dr. Tivadar, Budapest. *Geol.*
Kheil, Prague, Bohemia. *Lepid., Europ. and exotic.* C. Ex.*
Kilián, Frigyes, Budapest. *Geol.*
Kirchsberg, Manger von Julius, Göthestr., 7, Grätz. *Coleopt.*
Kirst, Heinrich, Turn bei Teplitz. *Lepid.*
Kittel, Ernst, k. k. Naturhistorischen Hofmuseum, Vienna. *Geol., Palæo.* Ex. for Museum.*
Kittner, Theodor, k. k. Bezirksrichter, Kunstadt. *Coleopt.*
Klein, Julius, Prof. Bot. k. u. Josefs-Polytechnicum, Budapest. *Geol., Bot., Algæ.* C.*
Klein, W., Prof. Univ., Vienna. *Arch.*
Klemencic, Dr. T., Univ., Grätz. *Phys.*
Klemensiewics, Prof. Dr. Rudolf, Grätz. *Experimental Pathol.*
Klemensiewicz, Dr. Stanislaus, Sandecia, Galicia. *Lepid.*
Klément, Robert, Kronstadt, Siebenbürgen *Photog., Lepid., Coleopt.* C. Ex.*
Klepsch, Dr. Heinrich, Prague. *Coleopt.*
Klug, Eugen, Ollmütz, Moravia.
Klug, Prof. F., Univ., Klausenburg. *Physiol.*
Klutschack, Prof., Leitmeritz, Gymnasium, Bohemia. *Bot.*
Knapp, Dr. J. A., Museum, Vienna. *Bot.*
Knöpfler, Gyula, Kapnik. *Geol.*
Knöpler, Dr. Vilm., Marosvásárhely. *Geol.*
Knörlein, J., k. k. Baurath, Linz. *Coleopt.*
Kobold, Hermann, Dr. Phil., Observator, Sternwarte, O'Gyalla. *Ast.**
Koch, Dr. Anton, Prof. der Mineralogie and Geologie an der k. Ungar. Franz Josef's Universität, Klausenburg. Petrography, Geology of Tertiary formations. C. Ex. Offers Transylvania Minerals, espec. Szabót. Pseudo-brookit, wishes American minerals.
Koch, Dr. Edward J., Vienna.
Koch, Ferencz, Kolozsvár. *Geol.*
Koch, k. k. Fortsmeister, Carlsbad. *Ent.*
Köcsner, Prof. Jos., Gymnasium, Nyitrd. *Bot.* C.
Kocyan, Ant., Oravitz-Arva. *Orn., Ool.*
Koelbl, Carl, Dr. Phil., Wassagasse, 18, Vienna. *Crustacea.*
Kohl, Prof. J., Bozen. *Hymenop.*
Kokán, János, Budapest. *Geol.*
Kolazy, Josef, k. k. Offic , Kaunitzgasse, 6, Vienna. *Hymenoptera.**
Kolbenheyer, Prof C., Bielitz, Brünn. *Bot.*
Koller, Prof. Karl, Kesmark, Zips. *Bot.*
Kolombatović, Prof. G., Spalato. *Bot.* C.
Kondor, Prof. G., Univ., Budapest. *Math.*

Königsberger, Prof. L., Univ., Vienna. *Math.*
Konkoly, Nicolaüs von, Dr. Phyl. Mitgl. der k. Ung. Academie, der Royal Astr. Society, O'Gyalla Sternwarte bei Comorn. *Ast.*
Koós, Ferencz, Brassó. *Geol.*
Kooyan, Ant. Förss, Oravitz-Arva. *Orn.*
Korcsek, Siegmund, Lehrer an der Töchterschule, Pressburg. *Lepid.*
Koren, Prof. Steph., Lyceum, Szarvas. *Bot.*
Korensky, J., Lehrer a. d. Töchterschule, Smichew, Prague. *Coleopt.*
Korizmics, László, Budapest. *Geol.*
Kornhuber, Prof. Andreas, Polytec. Sch., Vienna. *Zool., Bot.*
Korniss, Count Emil, Testung, 15, Budapest, I. *Geol., Con., Moll.* C. Ex.*
Köröši, Josef, Dir. Communalstatistischen Bureau, Budapest.*
Kossuch, János, Budapest. *Geol.*
Kossutanyi, Prof. Dr., Agric. Sta., Altenburg. *Bot.*
Kostein, Joh., p. k. ung. Finanzbeamter, Landstrasse, Beatrixg., 4, B. II., Vienna. *Lepid.*
Kosteletzky, Prof. Dr. P. V., Prague, Bohemia. *Bot.*
Kotula, Andr., Freiburg, Silesia. *Ent.*
Kovács, Gyula, Nádasd. *Geol.*
Kowarz, Fred., k. k. Telegraphenbeamter, Franzensbad, Bohemia. *Diptera.**
Kozocsa, Tivadar, Budapest. *Geol.*
Kraft, János, Selmecz. *Geol.*
Krászonyi, Dr. József, Mária-Nostra. *Geol.*
Kratschmer, Dr. F., Priv.-Docent Univ., Vienna. *Physiol. Chem., Hygiene.*
Kraus, Carl, Pardubitz, Bohemia. *Nat. Hist.*
Krauss, T. Charles, Prague, Bohemia.
Kravogl, Hermann, k. k. Gymnasial-Professor, Bozen, Tyrol. *Bot.* Ex.*
Krecsarevich, Márk, Ujvidék. *Geol.*
Kreisl, Prof. Hermann, Heinrichg, 1, Prague, Bohemia. *Coleopt.*
Kreissl, Franz, Heinrichsgasse, 1, Serafin neu, Prague. *Coleopt.* C. Ex.
Kreithner, Eduard, Fünfthaus, Sparrgasse, 16, Vienna. *Zool., Lepid., Macro. and Microlepid.* of Europe. C. Ex.*
Krejci, Prof. J., Univ., Prague. *Geol., Geological Formation of Bohemia.*
Krek, G., Prof., Univ., Grätz. *Philol.*
Kremnitzky, Amandus, Vizakna. *Geol.*
Kremnitzky, Jakab, Vöröspatak. *Geol.*
Kremnitzky, Ottó, Vöröspatak. *Geol.*
Krenberger, Jos., Bräunerstr., 9, Vienna. *Bot.*
Krenner, Prof. Dr. Jos., Budapest. *Geol.*
Krenz, Dr. Johann, Univ., Prague. *Bot., Physiol.*
Kreutz, Prof. S., Univ., Lemberg. *Min.*
Kriesch, Johann, Prof. der Zoologie am. k. ung. Josefs Polytechnikum, Budapest. *Herpetology.*
Kristof, Prof. L., Lyceum of Mademois, Grätz. *Bot.*
Krivany, Johann v., Comitats Ober Controllor, Arad. *Geol., Geog.* C.*
Krupa, J., Bot. Gar., Krakau. *Bot.*
Kubacska, Dr. Hugö, Körmöcz. *Geol.*
Kuczynski, Prof. St. L., Univ., Krakau. *Physics.*
Kunc, Dr. Adolf, Szombathely. *Geol.*
Kuncz, Péter, Budapest. *Geol.*
Kundrat, Prof. Dr. H., Univ., Vienna. *Pathol. Anat.*
Kunszt, J., Losoncz. *Bot.* C.*
Kunátzel, Gábor, Szélakna. *Geol.*
Kunz, Béla, Selmecz. *Geol.*

Kuthy, Desid, Gärtnergasse, 16, Theresienstadt. *Coleopt.*
Kutschera, Franz, k. k. Beamter, Reiterg., 12, Vienna. *Coleopt.*
Lajos, Richter, Maria Valeria utcza Thonetudvar, Budapest. *Gen. Bot., Zool., Gen. Ent., Moll.* C. Ex.*
Lakner, Ambró, Csorna. *Geol.*
Lambel, Dr. H., Univ., Prague. *Math.*
Lambert, Guppenberger, k. k. Gymnasial Prof., Kremsmünster. *Bot.* C.
Lang, Carl, Franzensbrückenstr., 28, Vienna. *Lepid.*
Lang, Ede, Budapest. *Geol.*
Lang, V. v., Prof. Univ., Vienna. *Physics, Crystallography.*
Langer, Prof. K., Univ., Vienna. *Anat.*
Langerth, Josef, Akademiegasse, 12, Budapest. *Coleopt., Lepid.*
Lanza Edler von Casalanza, Prof. Dr. Franz, Spalato.
László, Dr. Udránszky, Budatin Zsolna Rutka. *Bot.*
Laube, Prof. Dr. Gustav C., k. k. deutsche Universität, Prague. *Geol. Palæo.* C. Ex.
Leding, Sándor, Nagy Bánya. *Geol.*
Legeza, Viktor, Budapest. *Geol.*
Leinner, Anton, Hauptmann in Ruhestand, Hauptstrasse, 1, Weinhaus, near Vienna. *Astronomy, Selenography.**
Leistner, Wenzl, Altrohlau, bei Karlsbad. *Lepid., Coleopt*
Leitgeb, Prof. H., Univ. Dir. Bot. Gar., Grätz. *Bot.*
Lengyel, B., Prof. Univ., Budapest. *Chem.*
Lenhofsek, Prof. Dr. Jos., Budapest. *Anat.*
Lenz, Dr. Oskar, k. k Geolog. Inst., Vienna. *Geol.*
Leonhard, Otto, Libnoves Podebrad. *Coleopt., Micro.-Lepid.**
Lepkowski, Dr. J., Prof. Univ. Jagellone, Dir. Mus. Arch., Krakau.
Lerch, Prof. J., Univ., Prague. *Chem.*
Lészay, Dr. László, Szászváros. (Erdély). *Geol.*
Leutner, Károly, Budapest. *Geol.*
Lévay, István Lajos, Kassa. *Geol.*
Leyfert, Siegmund, Hilmteichstr., Grätz.
Lichtenstern, Baron Fr., Rovingo, Ystriem. *Algæ.*
Lieben, Dr. A., Prof. Univ., Wasagasse, 9, Vienna, IX. *Chem.*
Liebenberg, A. von, Prof. Hochschule für Bodencultur, Vienna. *Bot., Veg. Anat.*
Liebermann, Prof. Dr. Leo., Chef der Chem. Staats-Versuchsstation, Rottenbillergasse, 23, Budapest. *Chem., Met., Gen. Biol.**
Liedermann, Josef, Bau Ingenieur der Herrschaft, Munkacs. *Geol.* C. Ex. Offers Trachyte, Alumite, Sandstone (Dragomite) for interesting natural subjects.
Lielegg, Prof. A., Gärtnerstrasse, 35, Vienna, III. *Phys.*
Linder, O., Schwarzenbergstrasse, 17, Vienna. *Geol.*
Linhart, Prof. G., Agric. Acad., Altenburg. *Pathol., Bot., Fungi.**
Linnemann, E., Prof. Univ., Prague, Bohemia. *Chem.*
Lipót, Bierbauer, Raab. *Physics.*
Lippich, Prof. F., Univ., Prague. *Phys., Math.*
Lippmann, E., Prof. Univ., Vienna. *Chem.*
Liszkay, Gusztáv, Selmecz. *Geol.*
Loczy, Lajos, Budapest. *Geol.*
Lojka, Prof. Hugo, Josefplatz, 10, Budapest. *Lichenology.* C. Ex. Desires only good spec.*
Lorenz, Dr. Ludwig Ritter v., Beatrixgasse, 25, Vienna, III. *Zool., Orn., Worms, Radiates.**
Loschmidt, Prof. J., Univ., Vienna. *Physical Chem.*
Löte, Ludwig, Prof. an der Hochschule, Nagy Enyed. *Phys.*
Löw, Dr. Franz, Wieden, Hauptstr., 47, Vienna. *Hemipt. and Galls.**
Löw, Paul, Haupstrasse, 47, Vienna. *Hemipt.**

Löwi, Marcus, Geiersberg. *Coleopt.**
Loyka, Gustav, Privat docent, Budapest. *Lichenology.*
Ludwig, Prof. Ernst, Allgem. Kraukenhante, Vienna. *Chem.*
Lukas, Dr. F., Kruman, Bohemia. *Bot., Phys.*
Luschan, Dr. F. von, Priv.-docent, Univ., Vienna. *Ethnog.*
Lutter, János, Budapest. *Phys., Nat. Phil.*
Lutter, Dr. Nándor, Dir. Gymnasium, Budapest. *Math.**
Lützow, K. v., Prof. Univ., Vienna. *Arch.*
Mach, Dr. Ernst, Prof. Universität, II., Weinberggasse, Prague, Bohemia. *Physics.*
Mácsay, Dr. István, Zajescár (Szerbia). *Geol.*
Madarassy, L., Staatsanwalt, Kecskemét. *Ent.*
Madarász, Dr. Julius von, Custos: Adjunct der Zoölogischen Abtheilung an Ungarn, National Museum, Budapest. *Orn., Singing Birds.* C. Would like to ex.
Madarász, Sigmund Edward von, Grundbessitzer Zollamstring, 14, Budapest. *Palæo., esp. Crustacea.* C. Ex.
Maderspach, Livius, Bergingenieur, Rosenau (Rozsnjó). *Mining, Geol.* C. Wishes American minerals in ex. for Hungarian iron and zinc.
Majláth, Béla, Budapest. *Geol.*
Majsisovics, Dr. Edm. v., k. k, Geolog. Inst., Vienna. *Geol.*
Makay, Agoston, Budapest. *Geol.*
Makowsky, Prof. Al., Polytec. Sch., Thalgasse, 25, Brünn. *Bot.*
Malesevics, Prof. Emil, Staatsgymnasium, Losoner. *Zool., Bot.*
Malfatti, Johann, Innstrasse, Innsbruck. *Hort.*
Maloch, Akad. Maler, Michaelsgasse, 438, Prague. *European Lepid.* C. Ex.
Maly, Fr., Imp. Gar. of Belvedere, Vienna. *Bot.*
Maly, Prof. Dr. Rich., Hochschule, Grätz. *Chem.*
Mann, Josef, am. k. k. Zoöl. cabinet, III., Canal, 17, Vienna. *Lepid.**
Marchesetti, Dr. Ch. de, Dir. Nat. Hist. Mus., Trieste. *Bot.*
Marchesetti, Dr. F., Trieste. *Zool.*
Marenzeller, Dr. Emil Elder von, Custos des k. k. Zoöl Hof-cabinetes, Donnergasse, 1, Vienna. *Zool.* Ex. Echinoderms, Worms.*
Margó, Th., Prof. Univ., Budapest. *Zool., Histol.*
Margules, Dr. M., Univ., Vienna. *Phy Electro-Magnetism.*
Márka, Gergely, Anina. *Geol.*
Markos, György, Kassa. *Geol.*
Márkus, Ágoston, M.-Sziget. *Geol.*
Márkus, Lajos, Pécs. *Geol.*
Marschall, Augustus Frederick, Count, Chamberlain to H.M. the Emperor of Austria, Wallzeil, 33, Vienna. *Nat. Sci. in Gen.*
Martin, Prof. L., Univ., Klausenburg. *Math.*
Martonfi, Dr. L., Prof. Gymnasium, Szamosujvár. *Geol., Palæo., Foraminifera of Transylvania.* C. Ex. Foraminifera and Meteorites of Mócs.*
Matcovich, Prof. Paul, Gymnasium, Fiume. *Bot.*
Mathiasz, Josef, Nagy Mihály. *Coleopt.*
Matyaasovszky, Jakab, Budapest. *Geol.*
Matz, Al., Höbesbrunn. *Bot.*
Mayer, Prof. S., Univ., Prague. *Histol.*
Mayr, Alfons, Innrain, 40, Innsbruck. *Anat.*
Mayr, Prof. Dr. Gustav, Landstr. Haupstr., 75, Vienna. *Hymenoptera.*
Mayr, Matth., Prof. Gymnasium, Hall. *Cicadæ.*
Medgyesi, Béla, Kolozsvár. *Geol.*
Mednyánszky, Le Baron, Dénis Chambellan de S. M. I. and R. A., Rapovicz, Nyitra. *Phæn. Bot., Palæo., Geol., Min., Lithol., Met., Arch.* C.*

Menyhârth, Prof. Lad., Innsbruck. *Bot.*
Merkl, E., Naturalienhändler, Resicza, Banat. *Coleopt.*
Mertens, Prof. F., Univ., Krakau. *Math.*
Mertha, Hans, Beamter a. ob. Gerichtshofe, Vienna. *Coleopt.**
Metzger, Anton, 11 roth. Kreuzg., 8, Vienna. *Lepid.*
Michaelovics, Prof., Zeng. *Bot.*
Micklitz, Franz, R. R. Oberförster Radmannsdorf, Oberkrain. *Coleopt.* C. Ex.*
Mihâldy, István, Bakony-Szt-László. *Geol.*
Mihályi, Dr. János, M-Sziget. *Geol.*
Mikalhovitz, Prof. Dr. Gera, Universität, Budapest. *Anat.*
Miklofich, Dr. Franz, Prof. Univ., Vienna.
Miklós, Konkoly, O-Gyala. *Ast.*
Mikó, Béla, Nagy Bánya. *Geol.*
Mikolay, Laszlo, Igló. *Geol.*
Mikosch, Dr. Carl, Realschulprofessor, 66, Währingerstrasse, IX. Bez, Vienna. *Anatomy of plants.**
Milkovics, Zsigmond, Szt-Mihály. *Geol.*
Miller, Ludwig, Adj. im. k. k., Ackerbau-Ministerium, III, Salmgasse, 11, Vienna. *Coleopt.*
Mitis, Peter Ritter v., Linz, Bahnhof. *Coleopt.* C. Ex.
Mocsary, Alexander, Assistent am National-Museum, Budapest. *Ent., Hymenop.*
Moeller, Dr. Josef, Mariabrunn, near Vienna. *Bot.**
Mojsisovics, Dr. Edm. von, k k. Oberbergrath Chefgeologie der k. k. Geologischen Reichsanstalt, III., Reisnerstrasse, 51, Vienna. *Geol., Palæo., Trias of the Alps.*
Mojsisovics von Mojsvár, M.D. August, k. k. ao. ö. Professor der Zoölogie an der technischen Hochschule, Alberstrasse, 25, Grätz. *Mam., Osteol., European Orn., Zool. Dist.**
Molisch, Dr. Hans. Türkenstrasse, 3, Vienna, IX. *Anatomy of plants.*
Molitor, Edmund, Orsova. *Coleopt., Lepid., Bot., Min.* C.
Molnár, Károly, Székely-Udvarhely. *Geol.*
Molnár, Nándor, Budapest. *Geol.*
Much, Dr. M., Secretär der Anthropologieschen Gesellschaft, VIII. Josefsgasse, 6, Vienna. *Prehistoric Arch., Palæo.* C.
Müller, Anton, Friedeberg. *Ent.*
Müller, Ferdinand, Brünn, Moravia. *Coleopt.*
Müller, Florian, Pfarrer in U. Siebenbrunn, Marchfeld, Moravia.
Müller, Dr. Johann, Prof. Univ., Innsbruck. *Philol.*
Müller, Josef, Karlsgasse, 418, Smichow, Prague. *Lepid., Coleopt.*
Müller, Károly, Villany. *Geol.*
Munganast, Emil, Marktstrasse, 15, Linz. *Coleopt.* C. Ex.
Muntean, J., Uj-Moldova. *Geol.*
Mürle, Prof Carl, St. Pölten. *Coleopt., Lepid.*
Murmann, Le P. O. A., Convent of St. Benoît, Melk. *Bot.*
Murr, Josef, Fallmereverstrasse, Innsbruck. *Phæn. Bot.* C. Ex.*
Nagy, Dr. Károly, Abrudbánva. *Geol.*
Nagy, László, Budapest. *Geol.*
Negro, Adolphe, Ujkér.
Neithardt, Ant., Chodan bei Karlsbad. *Bot.*
Nendtvich, Dr. Károly, Budapest. *Geol.*
Netoliczka, Dr. Eugen, Prof. der Physik an der Landes-Oberrealschule, Grätz. *Physiological optics.* Color blindness.*
Netuschill, Franz, k. k. Jager-ober lieutenant, Com. bei Astronomical section k. k. Militaire-Geog. Institute, Vienna. *Ent.* C. Ex. Wishes Coleoptera of N. America and N. Asia.

Neubauer, Ferencz, Iglo. *Geol.*
Neugebauer, Prof., Pola. *Bot.*
Neumann, J., Catechet am Gymnasium. Troppau.
Nevole, M., Prof. Univ., Prague, Bohemia. *Org. Chem.*
Nickerl, Dr. Ottokar, Pres. der Ent., Section der physiokratischen Gesell, Wenzelsplatz, 16, Prague, Bohemia. *Lepid., Coleopt.**
Niessl, De Meyendorf, Prof. G. Polytec. Sch., Brünn. *Bot., Mycol.*
Niessner, Leonhardt, Lehrer, Zwittau, Moravia. *Nat. Hist.*
Nikl, Mihály, Budapest. *Geol.*
Nojsisovics v. Mójsvar, Dr. A., Univ. Grätz. *Zool., Anat. of reptiles and birds.*
Nossalek, Karl, Karolinenthal, 258, Prague. *Lepid., esp. Noctuidæ.*
Novák, Ottomar, Ph.D., Prague. *Invert. Palæo., Geol.**
Nowicki, Dr. Max, Prof. der Zool., Universität, Krakau. *Diptera.*
Nurnberger, Heilige Geistgasse, 12 neu, Troppau. *Lepid., Coleopt.*
Nyulassy, Antal, Nyalka. *Geol.*
Obermayer, Prof. A. v., Mariahilferstrasse, 46, Vienna, VII. *Phys.*
Obersteiner, Dr. Heinrich, Prof. Univ. Doebling, Vienna. *Anat. of Vert., Neurology, Histol. of Vert.**
Oborny, Ad., Znaim. *Bot.*
Ochorowicz, Dr. J., Univ., Lemberg. *Psychology, Nat. Phil.*
Odstreil, Dr. J., Gymn. Prof., Teschen. *Lepid.*
Oellacher, Prof. S., Univ., Innsbruck. *Mic., Histol., Emb. of Vert.*
Okolicsányi, Béla, Sugatag. *Geol.*
Ölberg, Gusztáv, Abrudbánya. *Geol.*
Olszewski, Prof. K., Univ., Krakau. *Chemical Analysis.*
Oppolzer, Dr. Th. Ritter v., Prof. Ast. Univ., Alserstrasse, 25, Vienna, VIII. *Ast.*
Orley, Dr. Ladislaus, Budapest. *Zool.*
Ortmann, Joh., Vienna. *Bot.*
Oser, Dr. J., Prof. Hochschule, Kärntherstrasse, 45, Vienna, I. *Chem.*
Osnaghi, Ferdinand, Trieste. *Elect., Photog., Meteo., Ast.**
Ossikowsky, Prof. J., Univ., Klausenburg. *Med. Chem.*
Otmár, Szinnyei, Librarian Univ., Budapest. *Moll.* C. Ex.*
Pacher, David, Ober-Vallach. *Bot., Coleopt.*
Pálffy, Sándor, Arad. *Geol.*
Pálffy, Samu, Abrudbánya. *Geol.*
Palisa, Johann, Adj. der k. k. Stern warte, Währing, bei Vienna. *Ast.*
Palm, Prof. Josef, Ried. *Diptera.*
Pantocsek, Joseph, Doctor der gesammten Heilkunde, Tavarnok, Nagy Tapolcsány. *Bot., Phanerogams, Cryptogams.* C. Ex. and buy Ranunculaceæ, Violaceæ, Scrophulariceæ, Crepis, Hieracium and Ferns.
Pantotsek, Dr. L. V., Zlatnó. *Geol.*
Parády, Colomann, Prof., Klausenburg. *Zool* C. Ex. "Süss-wasser-Turbellarica: Derostomea, Merostomea, Microstomea, Planaria."
Parragh, Gedeon, Kecskemet. *Geol.*
Paschkis, Dr. H., Werderthorgasse, 15, Vienna.
Paszlavszpy, József, Prof. Realschule, Rev. Förcaliskola, Budapest, II. *Zool., Cynipida, Hymenop.* C. Ex.*
Pavel, Joh., National Museum, Budapest. *Lepid.*
Pebal, Dr. Leopold Edler v., Prof. Univ., Halbärthgasse, 5, Grätz. *Chem.*
Péch, Antal, Selmecz. *Geol.*
Pech, N., Mondscheing., 844, Budapest, Taban. *Lepid.*
Peche, Prof. F., Univ., Innsbruck. *Phys.*
Pejacsevics, János, Budapest. *Geol.*
Pelikan von Plauenwald, Anton, Vice-Pres. des k. k. n. öst. Finanz-Landes-Dir. Fleischmarkt, 7, Vienna. *Coleopt.*

Pelzeln, August von, Imp. Zoöl. Schönlatemgasse, 13, Museum, I, Vienna. *Orn., Mam.**
Pernter, Dr., Gymnasial Prof., Trient (Tyrol). *Bot.*
Péter, János, Pécs. *Geol.*
Petersen, B., Prof. Univ., Prague, Bohemia. *Arch.*
Petricskó, Eugen, Ord. Prof. beim K. Ober-Gymnasium, Neusohl. *Zool.* C. Wishes Acaridæ. various preparations of the same, and offers local ones, especially Anthropoda.
Petrina, Prof. Phys., Prague, Bohemia.
Petrogalli, József, Beszterczebánya. *Geol.*
Petvicskó, Eugen, Prof. Ober-Gymnasium, Neusohl. *Zool., Local Coleopt.*
Petzval, O., Prof. Univ., Vienna. *Math.*
Peyl, Th., Sec. Gesell. für Physiokratie in Böhmen, Thun'schegasse, 193, Prague, III. *Zool., Gen. Biol., Ent., Coleopt.**
Peyritsch, Prof. Johann, Univ., Innsbruck. *Bot.*
Pfaundler, Prof. Dr. Leopold, Univ., Innsbruck. *Phys.*
Pfeiffer, P. Ansēlm, Benedictines u. k. k. Gymnasial-Prof., Kremsmünster. *Geol.* C.*
Pfiszter, Károly, Budapest. *Geol.*
Pfund, Dr., Assistent am Naturaliencabinet, Prague, Bohemia. *Ent.*
Pichler, Dr. Adolf, Prof. Mineralogie u. Geognosie, Universität, Innsbruck. *Geol.*
Pichler, Prof. Johann, Prossnitz, Moravia. *Ent., Herpetol., Worms.* C. Ex.
Pichler, Thomas, Lienz. *Bot.* C.
Pick, Dr. Georg, Prague. *Math.*
Pilar, Prof. Dr. G., Univ., Agram. *Geol.*
Pilati, Don Silvio, Vice Dir. am Collegium Vigilianum, Roveredo. *Coleopt.*
Piotrowski, Prof. G., Univ., Krakau. *Physiol., Histol., Emb., Mic.*
Pipitz, Dr. F. E., Goethestrasse, 7a, Grätz. *Coleopt.* C. Ex.
Pisko, Prof. Dr. Franz Josef, Dir Realschule, Margarettenstrasse, 7, Vienna, IV. *Chem., Phys., Biolog.**
Planer, Prof. Dr. Julius, Inst., Grätz. *Anat.*
Plason, Dr. Victor, I. Postg., 22, Vienna. *Coleopt. of Europe and Exotics.*
Platzer, Ferencz, Selmecz. *Geol.*
Plichta, Dr. Samuel, Losonez. *Meteo.*
Plósz, Prof. P., Univ., Budapest. *Physiol., Pathol, Anat.*
Podmaniczky, János, Budapest.
Poetsch, Dr., Randegg. *Bot., Lichenology.*
Pokorny, Dr. Alois, k. k. Regierungsrath, Director des Leopoldstaedter. C. Real u. Obergymnasiums, Kleine Sperlgasse, 2, Vienna, II. *Bot.*
Pokorny, Emanuel, Präfect am k. k Theresianum, Vienna. *Lepid.*
Polák, Karl, Vladislargasse, 21, Prague, Bohemia. *Phæn. of Europe, Carex of the world.* C. Ex.*
Polansky, Anton, Palais d'Este, Brünn. *Lepid., Coleopt.* C. Ex.
Polinsky, Béla, Budapest. *Bot., Coleopt.*
Popoviciu-Barcianu, Dr. D., Nagy Szeben. *Bot.*
Porcius, Florian, Naszod-Rodna (Transylvania). *Bot.* C. Ex. Phanerogams of Transylvania for others.*
Posch, Arpad, Budapest. *Bot.*
Pöschl, Ede, K. Bányatanácsos és Akademiai tanár. Selmeczbánya.*
Pöschl, Prof. Jacob, R. Univ., Grätz. *Phys.*
Posepny, Franz, Luyuk, 3, Vienna d. P. *Geol.*
Posner, Károly Lajos, Budapest. *Geol.*
Prazmowski, Dr. Ad., Dublany, near Lemberg. *Bot.*
Prélyi, István, Budapest. *Geol.*

Preu, Bernhard, Altenberg, Moravia. *Met.*
Preuszner, József, Budapest. *Geol.*
Preyss, Dr. J. Georg, k. k. Medicinalrath, V. P. des Wiener medic. Doctors Collegiums, III. Salesianergasse, 8, Vienna. *Anth.* C. Ex.
Pribram, R., Prof. Univ., Dir. Chem. Lab., Czernowitz. *Chem.**
Prihoda, Mor., Engelgasse, 4, Vienna. *Bot.*
Prihradny, Ödön, Dolha. *Geol.*
Primics, Dr. Georg., Assistent d. Mineralogie und Geologie an der Universität zu Klausenburg (Kolozsvár). *Petrography.* Cryst. rocks of Transylvania.
Priviczky, Ede, Aranyidka. *Geol.*
Probstner, Arthur, Budapest. *Geol.*
Prucha, J., Méran. *Bot.*
Prugberger, József, M.-Sziget. *Geol.*
Puchta, Dr. A., Univ., Prague. *Math.*
Pulszky, de, Dir. Nat. Mus. of Hung., Budapest. *Bot.*
Puluj, Dr. J., Privat-Docent Univ., Vienna. *Phys.*
Pungur, Julius, Sz.-Nagyfaln bei Szilagy-Somlyo. *Orthopt.*
Purjesz, Dr. Ignaz, Budapest.*
Puschmann, Prof. Dr. Theodor, Vienna, IX. *Bibliog., Gen. Biol., Arch., Eth., Ethnog., Philol.**
Puskás, József, Zalathna. *Geol.*
Rabl, Dr. Carl, Anatom. Inst., Vienna. *Emb., Anat.**
Radvánszky, Béla, Vadna. *Geol.*
Radziszewski, R., Prof. Univ., Lemberg. *Chem.*
Raimann, E., Prof. Landes-Ober-Realschule, Kremsier, Moravia. *Chem.*
Rathay, Prof. Emerich, Klosterneuburg. *Bot.*
Ratzenbeck, Franz, M.D., Goldgasse, 2, Prague. *Phys.*
Rauch, Fr., Imp. Gar., Laxenburg. *Bot.*
Rauscher, Dr. Rob., Museum, Linz. *Bot.*
Rebel, Hans, Helferdorferstr., 9, Vienna, I. B. *Lepid.* C. Ex.
Rehmann, Dr. A., Prof. Univ., Lemberg. *Bot., Bryol.*
Reichardt, Dr. H. W., Prof. Univ., Traungasse, 4, Vienna. *Bot.*
Reinich, Dr., Vienna.
Reinitzer, F., Univ., Prague. *Bot., Physiol.*
Reitter, Edmund, Schottenfeldgasse, 21, Neuban, Vienna. *Coleopt.*
Reitz, Frigyes, Budapest. *Geol.*
Reitznér, Miksa, Selmecz. *Geol.*
Rell, P., Abelood, near Gács. *Bot.*
Renner, Adolf, Diplom. Prof., Assistent an. k. Forstakademie, Schemnitz. *Bot., Diseases of plants.*
Rennert, Gyula, Pretrozseny. *Geol.*
Ressmann, Dr. F., Malborgeth. *Bot.*
Ressmann, Dr. S., Rosenbühl, near St. Veit, Käruthen. *Moll.*
Réthy, Prof. M., Univ., Klausenburg. *Math.*
Reuss, Dr. Aug. Léop. Ritter von, Mariahilferstr., 5, Vienna. *Bot.*
Reyer, Dr. E., Glacis, 69, Grätz. *Geol.*
Reyer, Dr. W., Privat-Docent, Univ., Vienna. *Geol.*
Richter, Gusztáv, Selmecz. *Geol.*
Richter, Joh. Anton, Rechbauerstr., 28, Grätz, II. *Macro.-Lepidoptera.* C. Ex.
Richter, Dr. Karl, Taborstrasse, 17, Vienna. *Bot.*
Richter, Lajos, Lehrer, Marie-Valeriegasse, 4, Budapest, IV. *Bot., Coleopt., Lepid., Diptera, Hymenoptera, Neuroptera.* C. Ex. Wishes pressed plants, insects, land mollusks and postage stamps from all parts of the world.*
Rieger, János, Sebeshely. *Geol.*

Riess, Carl, Hermanstadt, Siebenburgen. *Mollusks.*
Ritter Stofella d'alta Rupe, Prof. Dr. Emil, Univ., Alserstrasse, 25, Vienna, VIII. *Pathol., Therapeutics.**
Ritter von Zepharovich, Victor, Prof. Min. Univ., Pres. Min. Mus., Prague. *Crystal.**
Robic, Sim., Ulrichsberg bei Zirklach. *Coleopt.*
Rocsler, Prof. Dr. L., Klosterneuburg. *Chem., Phys., Bot.*
Roczl, Benedict, Botanischer Reisender in U. S. of America, Mexico, Columbia, Venezuela, Ecuador, Bolivia, Cuba, and British Columbia. Address, 109 Carolinenthal, Prague.*
Rogenhofer, Alois Friedrich, Custos am k. k. Zoöl., Hofcabinet, Josefstadterstr., 19, Vienna. *Lepid., Hymenop.**
Rogner, Prof. Dr. Johann, Grätz. *Ast.*
Roha, Benedek, Stáierlak. *Geol.*
Rohatsch, A., Schreigasse, 6, Vienna, II. *Coleopt.*
Rohm, Prof. Joseph, Univ., Vienna. *Bot.*
Rohon, Dr Josef, Zoöl. Inst., Vienna. *Anat.*
Rollett, Dr. Alexander, Universitäts-Professor, Harrachgasse, 21, Grätz. *Physiol., Histol.**
Romani, Ant von, Gleisdorf, bei Grätz. *Moll.*
Romer, Rev. Dr. F. F., Museum, Budapest. *Arch.*
Romer, Flóris, Nagy Várad. *Geol.*
Ronay, Ferencz, Selmecz. *Geol.*
Ronay, Jacint, Pozsony. *Geol.*
Ronninger, Ferdinand, I. Rothenthurmstr., 15, Vienna. *Coleopt.*
Rosenthal, A. C., Vienna. *Bot.*
Rosický, Prof. Franz, Katharinengasse, 13, Prague. Bohemia. *Bot., Plants, Myriopoda.* C.
Rösler, Prof., Klosterneuburg, Vienna. *Chem.*
Rossi, Luigi, Agram. *Bot.*
Rostafinski, Dr. Jos. Thom. de, Prof. Univ. Dir., Bot. Gar. Straszewskistrasse, 11, Krakau. *Bot.*
Roth, Lajos, Budapest. *Geol.*
Roth, Samu, Lócse. *Geol.*
Rothe, Dr. Carl, Prof. Staatsrealschule, Vienna, VII. B. *Chem., Min.*
Rózsa, János, Felegyháza. *Geol.*
Rozsay, Emil., Prof. Gymnasium, Pressburg. *Coleopt., Lepid.*
Rozsay, Dr. József, Budapest. *Geol.*
Ruffiny, Jenó, Dobsina. *Geol.*
Rumpf, Prof. Johann, Grätz. *Min., Geol.*
Rupertsberger, Mathias, Mühldorf. *Coleopt., Biol.**
Rybár, István, Budapest. *Geol.*
Safarik, Prof. A., Weinberge, 252, Prague. *Ast.*
Safcsák, Julius, Derno, Gruben verwatter, Görmör. *Geol., Min.* C. Ex.*
Sajfhelyi, Frigyes, Budapest. *Geol.*
Sajo, Carl, Ungvar. *Coleoptera, Hymenoptera, Hemiptera, Diptera.*
Sajókaroly, Prof. Nat. Sci. Ungvar. *Ent.*
Sándor, Prof. Johann, Spáspváros Broos. *Min.*
Sauter, Dr. Anton E., Salzburg. *Cryptogams.*
Schafarzik, Ferencz, Budapest. *Geol.*
Schaitter, Ignaz, Rzeszow, Galicia. *Gen. Zool.* C. Ex.*
Scharschmidt, Jules, Klausenburg. *Bot., Algæ.*
Schassl, Joh., St. Georgen, Längssee bei Launsdorf. *Coleopt.*
Schätterer, Heinrich, Carlsbad, Bohemia. *Lepid.*
Schauer, Ernst, Brody bei Pieniaki. *Phæn. Bot., Mam., Orn., Ool.* C.*
Schedl, Arnulf, Benediktimer Prof. am. Ober-gymnasium in Gran (Esztergorn). *Zool., Bot., Min.* C. Ex.

Scheffler, ——, Vienna. *Coleopt.*
Schenk, Moritz, Elizabethstr., 3, II. neu, Prague, Bohemia. *Coleopt.*
Schenk, S. L., Prof. Univ., Vienna. *Embryol.*
Schenzl, Dr. Guidó, Dir. der Erz. Ungarn Central Anstalt für Meteorologie und erdmagnetisms, Budapest, I. *Meteorology, Terrestrial Magnetism.*
Scherffel, A., Poprad. *Bot.* C.
Scherffel, Ansel, Felka. *Chem.*
Scheüthauer, Prof. Gust., Budapest. *Pathology, Anatomy.*
Schiavuzzi, Dr. Bernardo, Pirano, Ystrien. *Orn., Col., Tax.* C. Ex.*
Schiedermayr, Dr., Linz. *Bot., Crypt.*
Schiffner, Dr., Vienna. *Bot.*
Schindler, Franz, Docent, Vienna, VIII. *Bot., Hort.* C. Ex.*
Schirnhofer, P. Gerhard, Capitular in Stiftshofmeister der Cistercienser Stiftes Lilienfeld, general Secretaer v. k. k. Gartenbau-Gesellschaft in Wien, u. Lehrer an deren Gartenbau Schule, I. Weihburggasse, 31, Vienna. *Pomology.*
Schlachta, Lajos, Máramaros-Sziget. *Geol.*
Schlanzenhausen, Dr Fridolin, Feldhof bei Grätz. *Zool., Gen. Biol., Anth., Herpetol., Tax.**
Schlechter, Dr. J., Hochschule für Bodencultur, Vienna. *Zool., Hygiene.*
Schlosser, Dr. Josef, Agram. *Coleopt.*
Schmarda, Dr. Ludwig, Acad. Vienna. *Moll., Vermes, Zoophytes.*
Schmerz, Prof. Dr., Brünn. *Bot.*
Schmidt, Alexander, Custos-Adjunkt am National Museum, Budapest. *Mineralogy, esp. Crystallography*
Schmidt-Goebel, Prof. a. der Universität, Haupstr., 93, Vienna. *Coleopt.*
Schmuck, J. von, Schwaz. *Bot.*
Schneider, Fried., Teschen. *Lepid.*
Schneider, Gustav, Bergwerkobesitzer und Director, Schmölnitz. *Phys. Chem., Geol., esp. Nat. Hist* C.
Schneller, August, Schoudorfergasse, Pressburg. *Bot.*
Schoepke, Prof. Hugo, Bruneck. *Bot.*
Scholtz, Dr. A., Univ., Budapest. *Math*
Schott, Prof. F., Univ., Innsbruck. *Pathol. Anat., Histol.*
Schrauf, Dr. Albrecht, Prof. Min. Universität, Waltergasse, 3, Vienna. *Mineralogy.*
Schréder, Rezső, Selmecz. *Geol.*
Schreiber, Dr. Egid, Dir. der Staatsrealschule, Görz. *Coleopt.*
Schreitter, Pinkau, Styria. *Ent.*
Schröckenstein, Franz, Neuburgasse, 72, Vienna, VII. *Geol.* C. Ex.*
Schroff, Dr. Carl D. R. von, Prof. Emer , Grätz.
Schuch, Prof. Dr., Rákosgrabengasse, 14, Budapest. *Bot.*
Schuchter, Karl, Fallbachstrasse, 4, Innsbruck. *Geol.*
Schulek, Dr. Vilmos, Budapest. *Geol.*
Schuler, Prof. Alois, Budapest. *Experimental Physics.*
Schuler, T., Görz. *Chem. Bot.*
Schulze, Prof. Dr. Franz Eilhard, Heinrichstrasse, 21, Grätz. *Zool., Anat., Sponges.* C. Ex.*
Schulzer von Müggenburg, Capt., Vinkovce. *Bot., Mycology.*
Schuster, Carl, Klausenburg. *Lepid.*
Schuster, Max, Ph.D. Privat-docent der Univ., Maximiliansplatz, 15, Vienna. *Min.**
Schvarcz, Dr. Julius, F.G.S., M. del. Acad. Hon., Stuhlweissenburgh. *Geol., Anth.*
Schwab, Ad. Mistek (Moravia). *Orn., Coleopt.*
Schwackhöfer, F., Prof. Hochschule für Bodencultur. *Agric. Chem.*
Schwanda, Prof. M., Univ., Vienna. *Physics.*

Schwartzer, Dr. Otto, Budapest.
Schwarz, Dr. Heinrich, Technischen Hochschule, Grätz, Heyermark. *Bot.**
Schwarz, L., Bot. Gar., Krakau. *Bot.*
Schwartz, Dr. Ottó, Selmecz. *Geol.*
Schwehla, Gyula, Selmecz. *Geol.*
Schwerer, János, Pancsova. *Geol.*
Schwöder, Adolf, Eibenshütz, Moravia. *Gen. Bot.* C. Ex.*
Sebestyén, Pál, Budapest. *Geol.*
Sebesy, Alajos, Szombathely. *Geol.*
Seboth, J., Grätz. *Bot.*
Seeger, Dr. Hall, Tyrol. *Ent.*
Seligmann, Prof. Dr. Franz, R. Univ., Vienna.
Sémic, Wladimir, Nikolicgasse, Agram. *Bot.*
Semsch, Carl Bruno, Ph.D., III. Heumarks Münzams, Vienna. *Chem. Met.**
Semsey, Andor, Budapest. *Geol.*
Senek, Dr. István, Selmecz. *Geol.*
Senhofer, Prof. K., Univ., Innsbruck. *Chem.*
Senoner, Dr., 14, Landstrasse, Vienna. *Mic., Bot.**
Serák, Károly, Budapest. *Geol.*
Sersawy, Dr. V., Univ., Vienna. *Analyt. Mechanics.*
Settar, Dr. F., Meran. *Coleopt., Lepid.*
Seydler, Prof. A., Univ., Prague. *Ast., Phys.*
Shafarick, A., Prague, Bohemia.
Shyzer, Kornel, S. A. Ujhely. *Ichth.*
Siegmeth, Karl, Inspector der Ung. N. O. Bahn, S. A. Ujhely. *Geol., Topography, Geog.* C.
Siehmon, Adolf, Budapest. *Geol.*
Sigmund, Alois, Gymnasium, Troppau. *Petrography.*
Simettinger, Michael, Berg-ingenieur, Annenstrasse, 29, Grätz. *Geol., Min., Palæo.* C. Ex.*
Simkovics, Lajos, Ph.D., Prof. Nat. Hist. in Lyceum at Arad, Oberrealschule, Melyutca, 2. Arad. *Phytography and Taxonomy.* C. Ex. Offers plants of Transylvania and Hungary, and wishes those of Russia, Roumania, Bessarabia, Bukovina, Galicia, Szerbia, Bosnica, Rumenia, Purcia, Caucasus.
Simony, Prof. O., Hochschule für Bodencultur, Vienna. *Phys., Math.*
Simonyi, Ernö, Budapest. *Geol.*
Skalitzky, Dr., Karmeliterg. 24, Prague, Bohemia. *Coleoptera, esp. Staphylinidæ.*
Skofitz, Dr. Alex., Schlossgasse, 15, Vienna. *Bot.*
Skraup, Prof. Dr., Wasagasse, 9, Vienna, IX. *Chem.*
Solcz, Gyula, Prof. an der Berg-und Forstakademie Forstrath, Schemnitz. *Forestry.*
Solla, Dr. R., via Muda Vecchia, 10, Trieste. *Bot.**
Sommaruga, E, Fhr. v., Ph.D., Prof. Univ., Vienna. *Chem.*
Somsich, Pál, Budapest. *Geol.*
Spitzy, Josef N., St. Leonard. *Coleopt.*
Splényi, Béla, Budapest. *Geol.*
Spreitzenhofer, G. C., Postgasse, 20, Vienna. *Bot.*
Sramkó, Mihóly, Aszód. *Geol.*
Srdinko, Josef, Ingenieur, Inselgasse, 1447, Prague. *Europ. Lepid.*
Srnka, Anton Kön, Landesbeamter, Kleinseite, 259, Prague. *Lepid., Ithomidæ, Heliconidæ, Catagramidæ, Catocala.* Will buy and exchange.*
Stache, Dr. Guido, Vienna. *Geol.*
Standfest, Dr. Franz. Grätz. *Geol.*

Stanecki, Prof. Th., Univ., Lemberg. *Phys.*
Staray, Stefan, Academy, Kassan. *Bot.*
Staub, Dr., Moric, Tabakgasse, 60, Budapest. *Bot., Spec. Phytopal.**
Staudach, Franz v., Rzeszow. *Lepid.*
Stecker, Anton, Brenntegasse, 7½, Prague, Bohemia. *Arachnida.*
Stefan, Dr. Jos., Sec. R. Acad. Sci., Vienna. *Bot., Phys., Meteo.*
Stefani, A., Pirano. *Bot.*
Steffek, Dr. Adolf, Atillag, 647, Taban, Budapest.
Steidl, Lad., Muth-Ring, 2, Budapest. *Lepid.*
Steigerwald, K. V., Chotebor, Bohemia. *Coleopt.*
Stein, Prof. Dr. F., sen., Prague, Bohemia. *Anat., Zool., Vermes.*
Stein, Georg, jun., Smeckagasse, 15, neu. Prague, Bohemia. *Coleopt.*
Stein, Dr. R., Chodau, bei Karlsbad. *Ent., esp. Lepid., Hymenop., Neuroptera.*
Steindachner, Dr. Franz, Acad., Vienna. *Herpetol., Ichth.*
Steiner, Dr., Prof. Julius, Klagenfurt. *Lichens.* C. Ex.*
Steinhausz, Julius, Bergverwalter, Peggau. *Min.* C. Ex. Witherite, Barite, Zincblende, Galenite, Hydrozisecite, Cerusite, etc.
Steinitz, Wenzel, Elisabethplatz, 19, Budapest. *Ent., Bot., Herpetol., Protozoa, Entomozoa, Malacozoa, Min., Geol.* C. Ex.*
Stepán, Miksa, Petrozseny. *Geol.*
Stern, Hugo, Ujpest. *Geol.*
Stessel, Dr. Lajos, Tápió-Szele. *Geol.*
Stiegler, Frau Julia, Agram. *Coleopt.*
Stoll, Dr. Rudolf, Klosterneuberg. *Bot.*
Stossich, A., Trieste. *Zool.*
Stossich, Prof. Mich., Gymnasium, Fiume. *Bot.*
Stolz, O., Prof. Univ., Innsbruck. *Math.**
Strasser, Gabriel, Benedictiner u. Director der Sternwarte, Kremsmünster. *Ast.*
Streintz, Dr. F., Univ., Grätz. *Phys.*
Streintz, Prof. Heinrich, Univ., Grätz. *Phys.**
Strobl, Franz, Oberlehrer a der Bürgerschule, Linz. *Coleopt.*
Strobl, Franz Peter, Witten, bei Innsbruck. *Phæn. Bot., Lichens, Mosses, Hepaticæ.*
Strobl, Prof. P. Gabriel, Melk. *Bot., Ent.* C. Ex. Coleoptera, Diptera, and Hymenoptera for those of N. and S. America.
Struska, J., Soc. Hort., Grätz. *Bot.*
Studnicka, Lieut. C., Cattaro. *Bot.*
Studnicka, Prof. F., Univ., Prague. *Math.*
Stur, Dionys, Acad. Sci., Rasumoffskygasse, 3. Vienna. *Palæo., Bot.*
Stussiner, J. A., Kais, Königl. Post official, Neugasse, 5, Laibach (Krain). *Pselaphidæ and Scydmænidæ, Coleopt. and Orthoptera.* C. Ex.*
Subic, Prof. S., Univ., Grätz. *Meteo.*
Sukup, Julius, Napagedl, Moravia. *Lepid.* C. Ex.*
Sussner, Ferencz, Rodna. *Geol.*
Svoboda, Dr. Rudolf, Leitomischl. *Coleopt.**
Syakács, István, Kecskemet. *Geol.*
Sylaboczky, Imre, Nyiregyháza. *Bot.*
Syrnka, A. Arthur, Kleinseite, 37, Prague. *Exotic Lepid., especially Ithomidæ and Helicomidæ.*
Szabó, Prof. Dr. Joseph, Univ., Budapest. *Geol., Min., Lithol.* C. Ex.*
Szalay, József, Felsö-Telekes. *Geol.*
Szaniszlo, Dr. A., Prof. Agric. Sch., Univ., Klausenburg. *Anthropoda, Bot.*
Szâsz, Prof. Dr. Etienne, Gymn., Miko. *Bo*
Szathmány, Akos N., Becskerek. *Phys.*
Szatmóry, Béla, Nagy Bánya. *Geol.*

Szauer, Arnold, Budapest. *Geol.*
Szécsi, Zsigmond, Prof. Berg-und-Forstakademie, Schemnitz. *Bot., Agric.*
Szecskay, István, Budapest. *Geol.*
Szentgyörgyi, Elek, Budapest. *Geol.*
Szepligeti, Prof. V., Josef-Ringstr., 50, Budapest. *Bot.*
Sziklay, Ludwig, Piseke Sütto. *Bot.*
Szilniczky, Jakab, Selmecz. *Geol.*
Szily, Coloman, Prof. Polytechnicum, Budapest. *Phys.*
Szlavik, Dániel, Budapest. *Geol.*
Szombathy, Josef, k. k. Naturhistorischen Hofmuseum, Bernardgasse, 3, Vienna, VII. *Anth., Arch., Osteol.**
Szontagh, Andor, Csetnek. *Geol.*
Szontagh, Dr. Nic., Bad Neú-Schwecks, Uj Tátrafüred. *Phæn. Bot., Meteo.* C.*
Szontagh, Tamas, Budapest. *Geol.*
Sztehlo, Surel, Ravacsonyigasse, 9, Budapest. *Bot.*
Takoits, János, Dir. Telegraphs, Budapest. *Physics.*
Tallatschek, Ferencz, Petrozsény. *Geol.*
Talsky, Prof. Jos., Neutitschein, Moravia. *Orn.*
Tamele, Josef, Podebrad, Bohemia. *Coleopt.*
Tangl, Dr. E., Prof. Univ., Czernowitz. *Bot.**
Tappeiner, Dr., Méran. *Bot.*
Tarbaky, István, Rector und Prof. Berg-und-Forstakademie, Bergrath, Schemnitz. *Mechanics.*
Tatar, M., Bot. Gar., Prague, Bohemia. *Bot.*
Tauscher, Dr. J. Aug., Eresin. *Bot.* C.
Tech, Wilhelm, Ofen Jaban Mondssheing, 844. *Bot.*
Tedlik, Dr. Anyos, Prof. Univ., Györ. *Phys.*
Teichmann, Prof. Med. L., Univ., Krakau. *Anatomy.*
Tekete, Lajos, Prof. Berg-und-Forstakademie, Forstrath, Schemnitz. *Bot., Forestry.*
Teller, Dr. Friedr., k. k. Geolog. Inst., Vienna. *Geol.*
Terren, Andreas, Körmöchbanya. *Ent., Lepid., Coleopt.* C.*
Tery, Dr. Ödön, Selmecz. *Geol.*
Teschler, Georg, Prof. Staats-Oberrealschule, Körmöchbanya. *Nat. Hist., Chem., Lithol., Anat., Herpetol., Histol. of Vert., Odontol.* C. Ex. Trachyto, Opal.*
Téyláj, Gábor, Déva. *Geol., Bot.*
Than, Prof. Karl, Budapest. *Chem.*
Thanhoffer, Prof. Dr. Ludwig, Budapest. *Phys., Min.*
Themák, Ede, Temesvár. *Geol.*
Thoretka, Anton, Thaschau. *Chem.*
Thümen, Felix Baron, Währing, Schulgasse, 1, Vienna. *Mycology (Systematic).* C. Ex.
Thun, Leo, Vienna. *Geol.*
Tiedler, Joh., Dir. der Zuckerfabrik Jung Bunzlau, Bohemia. *Coleopt.*
Tiefenbach, Troppau. *Lepid.*
Tiesenhausen, Baron von, Bozen, Tyrol. *Con, Coleopt.**
Tietze, Emil, Vienna. *Geol.*
Tirscher, József, Szélakna. *Geol.*
Titius, Pius, Gerla, near Gyula. *Bot., Algæ.* C.
Titze József, Szélakna *Geol.*
Toldt, Prof. C., Univ., Prague. *Anat. and Emb. of Man.*
Tolinszky, Béla, 105½, Budapest, II. *Bot.*
Tomaschek, Prof. Ant., Polytec. Sch., Brünn. *Bot.*
Torma, Fräulein Sofie von, Szaszvaros (Broos), Transylvania. *Anth., Geol., Palæo.* C.

Török, Prof. A., Univ., Klausenburg. *Anat.*
Török, Dr. József, Debreczen. *Geol.*
Toth, Agoston, Gmunden. *Geol.*
Toula, Dr. Franz, Prof. der Mineralogie u. Geologican an der k. k. technischen Hochschule, IV., Vienna. *Geol.**
Tretyók, János, Diós-Györ. *Geol.*
Treuinfels, L., Marienberg, bei Mals. *Bot.*
Trusz, Simson, Lehrer am k. k. Akadem-Gymnasium, Lemberg. *Systematic Botany.* C.
Tschapeck, H., 18 Morellenfeldgasse, Grätz. *Moll., Coleopt.*
Tschermak, Dr. Gustav, k. k. Hofrath, Prof. Min. Univ., Vienna. *Min.*
Tschörch, Franz, Vienna. *Coleopt.* C. Ex.
Tschudi, Dr. Johann J., Baron von, Vienna.*
Tschusi zu Schmihtoffen, Victor Ritter von, Villa Tännenhof, bei Hallein, Salzburg. *Orn., esp. Orn. of Austria and Hungary.* C. Ex. Birds of Austro-Hungarv, esp. of the Alps.*
Tunowicz, Dr. R., Sereth, Galicia. *Anat. of Plants.*
Türk, Rodolf, k k. Min.-Secretär, Lagerg., 1, Vienna. *Coleopt.*
Turking, Dr. Emil, Budapest.
Typoly, Fehér, Gran. *Physics.*
Udranszky, Lad., Budapest. *Coleopt.*
Ulbricht, Prof. Dr. R., Agric. Sta. Altenburg. *Chem., Bot.*
Ultzman, Dr. Robert, Docent, Universität, Vienna, VIII. Bezirk, Alterstrasse, 7.
Untihj, K., Fiume. *Bot.*
Urbantschitsch, Dr. Victor, Docent, Kolowratring, 4, Vienna, IV. *Osteol.**
Ursig, T., Görz. *Chem.*
Vágner, Ludvig, Raho, Marmaros. *Bot.*
Valenta, Michael, Belgnad Serbien. *Bot.*
Valkovices, Antal, Selmecz. *Geol.*
Valyi, Dr. J., Univ., Klausenburg. *Math.*
Vambéry, Armin, Prof. Univ., Budapest.
Vangel, Eugen, Batthyánigasse, 59, II. Besirk, Budapest. *Lepid., Cynipidæ, Neuropt.* C. Ex.*
Varga, Vilmos, Szászka. *Geol.*
Varinyi, János, Budapest. *Geol.*
Válya, Miklos, Budapest. *Geol.*
Vécsey, József, Budapest. *Geol.*
Vejdovský, Franz, Ph.D., Docent Univ., und der böhm-technischen Hochschule, Prague, Bohemia. *Zool., Gen. Biol., Palæo. and Emb. of Vert., Comp. Anat., Dipt., Crustacea, Worms, Protozoa, Infusoria.* C. Ex.*
Velenovsky, Josef, Böhmischen Univ., Prague. *Phæn. Bot., Mosses, Plant Palæo.* C. Ex.
Venturi, Dr. G., Trento, Tyrol. *Bot., Bryol.* C. Ex. European mosses for American.
Veres, József, Kolozsvar. *Geol.*
Vest, von, Prague, Bohemia.
Vetter, Ad., Imp. Gar. Schoenbrunn, near Vienna. *Bot.*
Vierthaler, A., Trieste. *Chem.*
Vilas, Herman von, Innrain, 16, Innsbruck. *Con., Min., Osteol., Moll.* C. Ex. Will send list of Tyrol Alpine shells when wished for.*
Vlantken, Max, Dir. des Geolog. Institut., Budapest.
Vleck, Wilhelm, Weinberg-Gemeinde, Prague, Bohemia. *Lepid.*
Vogl, Dr. A., Prof. Univ. Währingerster., 31, Vienna.
Vogl, Prof. C. v., Inst. *Isopoda.*
Vogel, F., Laxenburg. *Bot.*

Von Babo, A. W., Klosterneuburg. *Bot.*
Von Ebner, Prof. Dr., Univ., Grätz. *Histol. and Emb. of Vert.**
Von Höhnel, Dr. F., Prof. Polytec. Sch., Vienna. *Physiol., Bot.*
Von Keck, Dr. Karl, Aistersheim. *Bot.*
Von Keller, J. B., Wieden, Hauptstrasse, 78, Vienna. *Bot.*
Von Liebenberg, Prof. Dr., Vienna. *Bot.*
Vorecka, Prof., Gymnasium, Jicin. *Coleopt.*
Voss, Prof. W., Laibach. *Bot., Mycology.*
Vrba, Prof. K., Univ., Prague. *Min., Crystal.*
Vuchetich, Ruszkabánya. *Bot.* C.
Vukotinovics, Lajos, Agram, Croatia. *Bot.*
Waagen, Wilhelm, Ph.D., Prof. Polytechnicum, Mariengasse, 2, Prague, II. *Invert. Palæo., Strat. Geol., Min.* C. Ex.*
Wachtel, F. A., VIII. Tulpeng., 3, Vienna.
Wagner, Coloman, Gymnasial-Prof. und Adj. der Sternwarte, Kremsmünster. *Physics, Magnetism.*
Wagner, Dr. Daniel, Budapest. *Geol.*
Wagner, Ladislas v., Prof. k. technischen Hochschule, Budapest. *Bot., Hort., Agric., Plant Palæo., Chem., Geol., Lithol., Org. Chem.* C. Ex.*
Wajgiel, Leop., Prof. Gymn., Kolomea. *Arachnida.*
Waldherr, József, Versecz. *Geol.*
Waldner, Univ., Grätz. *Bot.*
Waltenhofen, Prof. Dr. A. von, Prague. *Electricity, Magnetism.**
Walter, August, Grumden. *Coleopt.* C. Ex.
Walz, Lud., Bot. Gar., Klausenburg. *Bot.*
Wangel, Eugen, Budapest. *Lepid.*
Wartha, Vincens, Ph.D., Prof. k. Polytechnicum, Budapest. *Geol., Chem., Met., Photog.* C. Ex.
Wassmuth, Prof. A., Univ., Czernowitz. *Phys., Math.*
Wawra von Fernsee, Dr. Henri, Habsburgergasse, 6, Vienna. *Bot.*
Weber, Robert, Vienna. *Coleopt.*
Weichselbaum, Dr. A., Priv.-docent, Univ., Vienna. *Pathol., Histol. and Anat.*
Weidel, H., Prof. Univ., Vienna. *Chem.*
Weiler, Prof. J., Innsbruck. *Lepid.*
Wein, János, Budapest. *Geol.*
Wein, Károly, Budapest. *Geol.*
Weinzierl, Th. Ritter von, Ph.D., Docent Bot. k. k. Hochschule, Hof, 13, Bezirk, Vienna, I. *Bot.**
Weiss, Prof. Dr. Edmund, Dir. k. k. Sternwarte, Währing, Vienna. *Ast., Math.*
Weiss, Dr. G. A., Prof. Univ., Mem. d. k. Academied., Vienna, Prague. *Bot., Physiol.**
Weisz, Tádé, Zalathna. *Geol.*
Weselsky, Ph.D., Prof. Polytechnicum, Vienna. *Chem.*
Wettstein, Antal, Budapest. *Geol.*
Weyr, E., Prof. Univ., Vienna. *Math.*
Wierzejski, Anton, Phil. Dr., Docent an der Universität, Krakau. *Zool., Crustacea, Comp. Anat.*
Wiesbauer, Johann B., S.J., Prof. der Naturgeschichte, Kalksburg, near Vienna, *Bot.: Phanerogams, Violaceæ.*
Wiesner, Dr. J., Prof. Univ., Alservorstadt, Türkenstr., 3, Vienna. *Bot., Physiol., Anat.*
Wieszner, Adolf, Selmecz. *Geol.*
Wihlidal, Josef, Schwefelgasse, 461, Prague, Bohemia. *Lepid.*
Wilckens, M., Prof. Hochschule für Bodencultur, Vienna. *Zoology.*
Willdauar v. Wildhausen, F., Prof. Univ., Innsbruck. *Philology.*

Wilhelm, Prof. Dr. Gustav, B. Univ., Grätz.
Wilhelm, Dr. Karl, Privat-docent, k. k. Hochschule für Bodencultur, Reitergasse, 17, Vienna, VIII. *Bot.**
Willigk, E., Prof. Univ., Prague, Bohemia. *Chem.*
Willkomm, Dr. Heinrich Moritz, Prof. Syst. Bot., d. k. k. Univ., Dir. d. k. k. Bot. Garten, Prague, Bohemia. *Bot., Geog. Dist.* C. Ex.*
Winkler, Benö, Selmecz. *Geol.*
Wissinger, Prof. Karl, Kecskemet.
Wittinger, János, Budapest. *Geol.*
Wohlbach, Ernst, Mädchenbürgerschule, Linz. *Coleopt.*
Wolff, Gabriel, Thorda. *Bot.* C.
Woloszczak, Dr. Eust., Bot. Gar., Vienna. *Bot.*
Woynar, J., Rattenberg. *Bot.*
Wüllerstorf-Urbair, Bernard F. von, Grätz.
Wumner, August, Maximilianplatz, 14, Vienna. *Zool.*
Xanthus, János, Budapest. *Coleopt.*
Zanetzky, Paul, Gömör. *Bot.*
Zavadsky, Alexander, Dr., Stry, Galicia. *Coleopt, Lepid*
Zebrawsky, T., Krakau.
Zechenter, Adolf, Yánoshegy. *Min, Ent.*
Zechenter, Dr. Gustav, Kremnitz, k. ung. Bergwesensarzt. *Geognosy, Min., Bot.* C. Ex. trachyte, opal, sphalerite, etc.
Zelbr, Karl, Asst. der Sternwarte, Währing Türkenschanze, Vienna. *Astronomy.**
Zeller, Fritz, Postg., 20, Vienna. *Ent.*
Zemlinszky, Roezsö, Salgótárjan. *Geol.*
Zenger, Chas. V., F.R.A.S., Prof. Nat. Phil. and Ast. Observatory T. R. Bohemian Polytechnic School, Weinberg., 570, Prague. *Nat. Phil., Ast.* Would like to ex. solar and lunar photographs for objects in the same line.*
Zeni, F., Roveredo. *Coleopt.*
Zepharovich, Dr. Victor L. Ritter von, Oberbergrath, Prof. der Mineralogie an der k. k. Universität, Prague. *Min., Crystal.* C.
Zillner, Dr. Franz V., Salzburg.
Zimeter, A., Prof. an der k. k. Oberrealschule, Steyr. *Bot.* C. Ex.
Zithovsky, L. v., Prof. Univ., Vienna. *Nat. Hist.*
Zmurko, Prof. W., Univ., Lemberg. *Math.*
Zoch, Dr. Ivan, Gymnasial-Dir., Bosna Serajevo. *Phæn. Bot., Phys., Elect.**
Zoeltvay, Brogdán, Lehrer, Varannó. *Zool., Orthoptera.* C. Ex. native for foreign.
Zöller, Ph., Prof. Hochschule für Bodencultur, Vienna. *Org. Chem.*
Zotta, Vict v., Univ.-Laboratorium, Prague. *Chem.*
Zsedényi, Ottó, Szclakna. *Geol.*
Zseltvay, Bogdón, Narannó.
Zsigmondy, Béla, Budapest. *Geol.*
Zsigmondy, Wilj., Budapest. *Geol.*
Zuckerkandl, Prof. E., Univ., Grätz. *Anat.*
Zulkowsky, Prof. K., k. k. Inst., Brünn. *Chem.*
Zwanziger, G. Ad., Klagenfurt. *Palæo., Bot.*
Zwilhofer, Franz, Sparkasse, Prague, Bohemia. *Mic.**

AZORES.

Arruda Furtado, Francisco d', St. Michael's Island. *Malacology, Con.* C. Ex. Offers L. shells of Azores, Europe, and America for L. and F. W. shells of all parts of the world.*

Gomes Machado, Dr. Carlos Maria, Directeur du Musée National, Professeur au Lycée National de l'Ile St. Michel, St. Michael's Island. *Zool.* C. of the museum. Ex.

BELGIUM.

Alv'n, L. R. Academia, Brussels.

Arnould, Gustave, Ingénieur, Mons.

Baguet, Pr. Chs., Rue des Joyeuses-Entrées, 6, Louvain. *Bot., spec. Flora of Belgium.**

Barrow, 85, Rue Royale Sainte-Marie, St.-Josse-ten-Noode. *Mic.*

Bauwens, Rue Schmitz, 19, Koekelberg (Brussels). *Bot., Con.*

Becker, Leon, Rue Godecharles, Ixelles. *Arach.*

Becquet, Alfred, Namur.

Bède, E., Verviers.

Bemmel, Charles van, Rue St.-Lazare, 25, St.-Josse-ten-Noode, near Brussels. *Coleopt.*

Berchem, François, Ingénieur Principal des Mines, Rue Pepin, 32, Namur. *Min., Geol.*

Bergé, Albert, Membre de la Société Entomologique de Belgique, Rue de la Porte, 122 Schaerbeek, near Brussels. *Ent.: Coleopt., esp. Buprestidæ and Lamellicorns.* C. Ex. Coleopt. of Belgium for Buprestidæ and Lamellicorns.

Bernard, Dr. Hector, Mons.

Bernardin, Prof., Curator Commercial and Industrial Museum, College of Melle, near Ghent. *Technol., Bot., Zool.* C. Ex.*

Bilharz, Oscar, Morcsnet, near Herbesthal. *Geol.*

Blanchart, Camille, Rue Vautier, 6, Ixelles. *Geol.*

Boë, Adolphe de, F.R.A.S. Antwerp. *Ast.**

Bommer, J. E., Prof. University, Rue de la Chancellerie, 18, Brussels. *Ent.: Lepid.*

Bonaert, Baron Raoul, Rue Marie-Thérèse, 85, Brussels. *Coleopt.*

Bonnewyn, Dr. Heinrich, Dir. Phar. Inst., Brussels.

Bormans, Auguste Ernest de, Rue de Constantinople, 21, St. Gilles, Brussels. *Ent.: Orthoptera.* C. Ex. Orthoptera of all countries, especially of the Dermaptera, of which have prepared a general monograph.

Bouhy, Victor, Rue Darchis, 58, Liege. *Geol.*

Bouillon, Auguste, Prof. Athénaeum, Chaussée d'Ixelles, Brussels. *Coleoptera.*

Boulanger, Eugène, Place du Marché. Châtelet. *Geol.*

Bourdon, Dr. Jules, Place St.-Pierre, 21, Liege. *Coleopt.*

Bovie, Alphonse, Rue des Fabriques, 2, Brussels. *Coleopt.*

Branquart, Jules, Rue du Grand Hospice, 1, *bis*, Brussels. *Coleopt.*

Breithof, Nicolas, Prof. Univ., Rue du Canal, 54, Louvain. *Geol.*

Bremer, Capt., Rue du Trône, Ixelles. *Lepid.*

Breuls, Dinant. *Bot.*

Brialmond, A., St.-Josse-ten-Noode.

Briart, Alphonse, Morlanwelz. *Geol., Palæo.*

Bruyninx, Edmond, Dinant. *Bot., Mic., Arach.*

Bustin, Oscar, Rue des Guillemins, 23, Liege. *Geol.*

Candèze, Dr. Ernest, Glain, near Liege. *Entomology, Elateridæ.* C. Ex.*
Cannart, d'Hamale, Fr. de, Malines. *Bot.*
Capronnier, J. B., Rue Rogier, 251, Schaerbeek. *Ent.: Lepid.*
Carbonnelle, Rev. P. Ignace, Rue des Ursulines, 21, Brussels. *Math.*
Carion, François, Rue Névraumont, 55, St.-Josse-ten-Noode. *Coleopt.*
Carnoy, Dr. J. B., Prof. Univ. Louvain, Marché aux Grains, 11, Louvain. *Bot., Mic.*
Cartuyvels, Jules, Prof. University, Rue des Récollets, 29, Louvain.
Casse, Dr. J., Rue de Ligne, 39, Brussels. *Mic.*
Chalon, J., St.-Servais, near Namur. *Bot.*
Chapuis, Félicien, Verviers.
Chandelon, Joseph, Prof. Univ., Rue Darchis, 14, Liege. *Geol.*
Chandelon, Théodore, Rue St. Gilles, 86, Liege. *Geol.*
Charles, E., Rue Joseph II., 49, Brussels. *Mic.*
Charlier, Dr. Eugéne, Faubourg St.-Gilles, 19, Liege. *Coleopt., Geol.*
Chaudron, Joseph, Rue Joseph, 11, Brussels. *Geol.*
Chevron, Laurent, Prof. Agric. Sch., Rue Notre-Dame, 306, Gembloux. *Geol.*
Chirion, Rev. P. Julien, Rue des Récollets, 13, Louvain. *Ast.*
Clavareau, Camille, Waret-la-Chaussée, Province of Namur *Lepid.*
Clemm, Frédéric, Rue de l'Université, 24, Ghent. *Ent.: Coleopt.*
Cloquet, Norbert, M.D., Feluy. *Arch., Geol., Palæo.*
Closon, Jules, Liege. *Bot., Hort.*
Cogels, Paul, Deurne, near Antwerp. *Geol, Palæo., Bibliog.* C.*
Coomans, Rue du Poinçon, 62, Brussels. *Mic.*
Coppez, Dr., Boulevard du Jardin Botanique, 24, Brussels. *Mic.*
Cornet, J. F., Chaussée de Wavre, 263, Brussels *Bot.*
Cornet, François Léopold, Ingénieur Civil, Membre de l'Academie Royal des Sciences de Belgique, Mons. *Geol.* C.
Corput, Dr. van den, B.Ed., Prof. à l'Université, 19 Avenue de la Toison d'or, Brussels. *Therapeutics.* C. Ex. Library of 20,000 volumes, Nat. Hist. objects, medical portraits, about 3,000 autographs, antiquities, etc.
Coteaux, Leopold, Avenue des Arts, 78, Antwerp.
Courtin, Ingénieur, Mons.
Coyon, Armand, Prof. Collége, Dinant. *Bot., Ent., Zool.*
Crepin, François, Dir. Jardin Bot., Rue de l'Esplanade, 8, Brussels. *Coleopt., Bot., Veg. Palæo.*
Crick, Dr. Charles, Thuillies, Hainaut. *Coleopt.*
Crocq, Dr. J., Prof. Univ., Rue Royale, 110, Brussels. *Geol.**
Cuylits, Jacques, Rue Leys, 14, Antwerp. *Zool.*
Dallemagne, Rue de la Poste, 46, Brussels. *Mic.*
Dastot, Dr. Adolphe, Chirurgien honoraire de l'Inst. Ophthalmique Provincial, Mons.*
Dastot, Jules, D.S., Prof. Chimie, l'École des Mines, Mons.
Davreux, Paul, Sec. Mus. Indus. at Brussels, 14 Rue Lefrancq, Schaerbeek. *Geol.*
De Bonnier, Rue de la Blanchisserie, Brussels. *Mic.*
Deby, Julien, Rue de la Vanne, 31, Ixelles. *Mic.*
De Caters, Le Baron Constantin, Rue Gérard, 2, Antwerp. *Zool.*
De Ceuleneer, Dr. Adolf, l'Univ., Rue des Champs, 85, Gand. *Bibliog., Anth., Arch., Eth., Ethnog., Philol.**
De Colnet d'Huart, Luxembourg.
De Cort, Hugo, Rue de l'Arbre, 79, Bénit. *Gen. Zool., Con.*
Decrais, Albert, French Ambassador, Brussels. *Agric.*
De Cuyper, Charles, Prof. Univ. of Liege, Rue Mercelis, 80, Brussels. *Geol., Ast., Math.*

Defrance, Károly, Antwerp. *Geol.*
Deheen, Pierre, Rue des Joyeuses-Entrées, Louvain. *Phys., Chem.**
Dejaer, Ernest, Rue de la Chaussée, 22, Mons.
De Koninck, Dr. Laurent Guillaume, Professeur Emérité de l'Université, Rue Bassenge, 48, Liege. *Geol., Palæo.*
De Koninck, Lucien Louis, Prof. chimie analytique à l'Univ. et à l'Ecole des Mines, Rue Bassenge, 48, Liege. *Chem., Min.*
De LaFontaine, Alfred, Rue Joseph II., 37, Brussels. *Aptera.*
De LeFontaine, Jules, Univ., Ghent. *Coleopt., Lepid., Hymenop., Dipt.*
Delacre, Ambroise, 80, Montagne de la Cour, Brussels. *Mic.* C. Ex.*
Delaunois, Dr. Gustave, Pérusvelz.
De la Vallée, Prof. Poussin, Rue de Namur, 190, Louvain. *Geol., Min.*
Delecosse, Dr., Rue de l'Hôpital, 14, Brussels. *Mic.*
Delepierre, M. Octave, Brussels.
Delogne, C. H., Brussels. *Bot.*
Delsaulx, Rev. P. Joseph, Prof. Math., Rue des Récollets, 13, Louvain. *Phys., Math.*
Delstanche, Dr. Charles, Rue du Commerce, 11, Brussels. *Mic.*
Deluc, Prof., Rue du Viaduc, 84, Brussels.
Delvaux de Fonefe, Ad., Liege.
Demont, Jules, Rue Neuve, 25, Namur. *Ent., Lepid., Coleopt.*
Demoor, V., Alost. *Bot.*
De Mot, Alfred, Rue des Bouchers, 46, Brussels.*
Demoulin, Gaspard, Rue de Nimy, 46, Mons.
Depaire, J. B., Prof. Univ., Rue Royale, 54, Brussels. *Mic.*
De Pitteurs Hiegaerts, Ch., Zepperen, Limbourg. *Mic*
De Puyt, Emil, Naturalist, Pres. Société des Sciences, des Arts, et des Lettres du Hainaut, Mons.
De Reul, X., Rue de Robiano, Schaerbeek. *Geol.* C.
De Simony, Baron Hyacinthe, Ingénieur, Mons.
Despret, Félix-Léon, Rue du Bouchain, Ath, Hainaut. *Ent., Coleopt.*
Destrée, Rue au Beurre, 49, Brussels. *Mic.*
De Tilly, Joseph M., Antwerp.
Deviller, Prof. Adolphe, Dir. a l'École d'Industrie et des Mines, Mons.
Devillers, Léopold, Président du Cercle Archéologique, Mons.
Devis, Paul, Quai Mariemont, 2, Brussels. *Bot.* C. herbs of Belgium
De Vos, A., Liege. *Bot.*
Dewalque, François, Prof. Ordinaire de Chimie Industrielle à l'Université, 26, Rue de Joyeuses Entrées, Louvain. *Chem., Min.* C.
Dewalque, Gustave, Prof. Ordinaire de Minéralogie, de Géologie et de Paléontologie à l'Université, 17 Rue de la Paix, Liege. *Min., Geol., Palæo.* C. Ex. Desires fossils, espec. Devonian, and offers Minerals and Fossils of Belgium.*
De Winter, J. Jacques, Rue Van Straelen, 50, Antwerp. *Zool.*
Dietz, François, Rue Van Bloer, 8, Antwerp. *Ent., Coleopt.*
Dollo, L., Rue de la Courelle, Brussels. *Zool.*
Donckier, de Donceel, Ch. Rue Mandeville, 134, Liege. *Lepid.*
Donckier de Donceel, Henri, Mus. hist. nat., Rue Malibran, 109, Ixelles. *Coleopt.*
Donckier, Charles, Chokier, near Flemmalle. *Geol.*
Donny, François, M. L., Ghent.
Dubois, Dr. Alphonse, Con Musée royal d'histoire naturelle, Brussels. *Mam., Orn., Lepid. of Europe.* Ex.*
Dufour, Arthur, Rue Royale, 72, Brussels. *Lepid.*
Dugniolle, Maximilien, Prof. Univ., 57, Coupure, Ghent. *Geol.*
Duliat, Jules, Rue de Montigny, Charleroi. *Geol*
Dumont, L., Sec. Soc. Sci. and Arts of Hainaut, Mons.

Dupont, E., Dir. R. Mus. Nat. Hist., Rue de Florence, 66, Brussels. *Geol.**
Du Pré, Dr. Gaston, Rue Duquesnoy, 13, Brussels. *Coleopt.*
Duprez, François J , Ghent.
Durand, Théophile, Rue Lambert le Bègne, 12, Liege. *Geol.*
Dusart, E., Rue Du Chatelain, 7, Brussels. *Mic.*
Dutreux, Rec. Gen., Luxembourg.
Duvivier, Antoine, Rue du Progrès, 98, Schaerbeek. *Ent., Coleopt., Lepid., Min.*
Engels, Charles, Anseremme, near Dinant. *Coleopt.*
Errera, Dr. Léo, Rue Royale, 6, Brussels. *Bot.**
Eugène, S., Naturalist, Rue de l'Enseignement, 19, Brussels. *Coleopt.*
Falisse, J.-V., Prof. Math., Univ., of Liege.
Faly, Joseph, Boulevard Charles-Quint, Mons. *Geol.*
Fayn, Joseph, 22 Avenue Rogier, Liege. *Geol.**
Férage, Emile, Dinant. *Chem., Mic.*
Fettweiss, Maurice, Rue de Limbourg, 19, Verviers. *Coleopt.*
Firket, Adolphe, Rue Dartois, 28, Liege. *Min., Geol.*
Firket, M., Rue de la Paix, 17, Liege. *Min., Geol.*
Flostroy, Gustave, Dinant. *Bot.*
Fœttinger, O., Roy. Mus. Nat. Hist., Brussels. *Mic., Zool.*
Folie, F., Univ. of Liege
Fologne, Egide, Rue de Namur, 12, Brussels. *Lepid.*
Fondu, Nicolas, Hôtel de la Toison d'or, Leuze (Hainaut). *Lepid., Coleopt.*
Fontaine, César, Papignies, canton de Lessines (Hainaut). *Lepid., Coleopt.*
Forir, Henri, Rue Robertson, 11, Liege. *Geol.*
Fraipont, Julius, Université, Liege. *Zool.*
Frederic, Victor, Rue de Lausanne, 60, St.-Gilles, near Brussels. *Lepid.*
Frère, Emile, Rue Delannoy, Brussels. *Mic.*
Fritsch, Dr. Carl W. G. F. von, Prof. Min. Geol Univ., Halle.
Fromont, Rue de l'Union, 17, St.-Josse-ten-Noode. *Coleopt., Lepid.*
Fromont, Fils, Dr. Edmond, Rue de la Victoire, 73, St.-Gilles, near Brussels. *Coleopt.*
Fromont, Dr. Louis, Rue de la Victoire, 73, St.-Gilles, near Brussels. *Coleopt.*
Fuisseaux, Georges de, Rue Blanche, 20, St.-Gilles, near Brussels. *Coleopt.*
Fuisseaux, Henri de, Rue Blanche, 20, St.-Gilles, near Brussels. *Coleopt.*
Furuhjelm, Victor de, Rue du Cadran, 25, St.-Josse-ten-Noode. *Coleopt.*
Gachard, L P , Brussels.
Gautier, l'Abbé, Institut St.-Agnace, Antwerp. *Coleopt.*
Gelseneer, Paul J., Petite Rue de l'Écuyer, 17, Brussels. *Geog. Dist., Moll.**
Ghysen, Dr. H., Univ., Liege, Rue Pints en Sock, 73, Liege. *Chem.**
Giele, J. F., Louvain. *Bot.*
Gilbert, Dr., Prof. à l'Université de Louvain.
Gilbert, Charles, Rue de Nord, 29, Antwerp.
Gilkinet, Alfred, Prof. Univ., Rue Renkin, 13, Liege. *Geol.*
Gille, Norb., Brussels. *Bot.*
Gillon, Auguste, Prof. Univ., Rue Beckmann, Liege. *Geol.*
Gindorff, Franz, Engis. *Geol.*
Giron, Alfred, Rue Goffart, 16, Ixelles. *Lepid.*
Gluge, Théophile O., Brussels.
Goret, Léopold, Rue Ste.-Marie, 19, Liege. *Geol.*
Gouttier, H., Braine-l'Alleud (Brabant). *Lepid.*
Graindorge, Joseph, Prof. Phys. and Math. Univ., Rue Paradis, 92, Liege. *Geol.*

Gravet, Fred, Louette-St.-Pierre, near Gedinne, Province of Namur. *Bryology.* C. Ex.
Gravis, Dr. A., Rue de Naples, 22, Brussels. *Bot.*
Greiner, Adolphe, Quai Neuf, 10, Seraing. *Geol.*
Guibal, Théophile, Rue des Groseilleirs, 43, Mons. *Geol.*
Habets, Alfred, Rue des Carmes, 9, Liege. *Geol.*
Halbrecq, Alphonse, Mons.
Hans, Louis Eybau, near Herrenhut. *Moll.*
Hanuise, Prof. l'Ecole des Mines du Hainaut, Brussels. *Geol.*
Harzé, Emile, Rue de Trèves, 76, Brussels. *Geol.*
Hayez, Fr., R. Acad., Rue de l'Orangerie, 16, Brussels. *Math.* C.
Heger, Dr. Paul, Prof. Univ., Rue des Drapiers, 35, Brussels. *Mic.*
Hennequin, Major E., Prof. à l'Ecole de Guerre, Rue des Côteaux, 121, Schaerbeek, Brussels. *Cartographie, Geol., Phys. Geog.* Carte Géologique de l'Europe à l'échelle de 8,000,000, d'après A. Dumont, 1875, avec notice. Nouveau tirage chromolithographique (1876), de la carte Géologique de la Belgique et des contrées voisines par A. Dumont, avec notice explicative.
Hennuy, Léon, Rue St.-Pierre, 10, Dinant. *Ent.: Coleopt., Bot.*
Henry, Louis, Louvain.
Heremans, J. T. J., Prof. Univ., Ghent.
Hock, Gustave, Prof. Athenæum, Boulévard Beauduin de Jérusalem, 27, Mons. *Geol.*
Hooreman, Ch., Observatory, Brussels. *Ast., Meteo.*
Houtain, Dr. L., Liege.
Houzeau, J. C., Dir. Roy. Obs., Brussels. *Ast.*
Houzeau de Lehaye, Auguste, Mons. *Geol.*
Hubert, Joseph, Architecte-ingénieur, Mons.
Ingelrelst, M., Brussels. *Bot.*
Jacob, L., Makoy & Co. Liege. *Bot.* C. of plants.*
Jacobs, Dr. J. Ch., Rue des Ursulines, 28, Brussels. *Coleopt., Dipt., Hymenop.*
Janson, Paul, Place du Petit Sablon, 18, Brussels. *Mic.*
Jochams, F., Inspecteur général des Mines, Rue de Stassart, 100, Ixelles. *Geol.*
Joly, A., Prof. Univ., Rue de Parnasse, 38, Brussels-Est. *Chem., Min.**
Joostens, Florent, Chaussée de Melines, 95, Antwerp.
Joris, Dr., Rue des Alexiens, 19, Brussels. *Mic.*
Jorissen, Armand, Rue Sur-la-Fontaine, 108, Liege. *Geol.*
Jorissenne, Dr Gustave, Boulevard de la Souvenière, 130. *Anth., Pathol., Physiol., Bot., Geol.* C. of plants, rocks, and fossils of Belgium.*
Jubs, Somme, Dinant. *Ent.*
Julin, Ch., Univ., Rue des Champs, 51, Liege. *Mic., Emb.**
Julius, Charles, Université, Liege. *Embryology.*
Kerchove de Denterghem, Count Oswald de, Gov. of Prov. Hainaut, Mons. *Bot., Coleopt., Agric.* C. Palm trees and coal fossils.
Kerremans, Lieut., St.-Josse-ten-Noode. *Coleopt.*
Kick, Dr. J. J., Prof. Univ., Rue St.-Georges, 28, Ghent. *Bot.*
Kirkpatrick, R. S., Rue de la Croix, 66, Ixelles. *Mic.*
Koltz, J. P. J., Agent forestier, Secrétaire de la Société Botanique, Luxembourg. *Bot.: Phanerogams and Cryptogams.* C. Ichth. Ex.
Kupfferschlaeger, Isidore, Prof. Emer. Univ., Rue du Jardin, 18, Liege. *Geol.*
Lagnesse, Emile, Rue d'Enghein, 3, Mons. *Geol.*
Lagrange, Observatory, Brussels. *Ast.*
Lallemand, Amédée, Rue Berckmans, 12, Saint Gilles, near Brussels. *Lepid.*

Laloux, Henry, Membre effectif de la Société Royale de Botanique de Belgique, Avenue Logier, 14, Liege. *Bot.* C. Offers plants of the flora of Belgium, and desires F. W. Algæ, and plants of all species from America.

Lamal, Alphonse, Marché-aux-Cuirs, 5, Malines. *Coleopt.*

Lamarche, Oscar, Pres. du Tribunal de Commerce, Rue Louvret, 70, Liege. *Ent., Lepid., Exotics of Europe.* C. Ex. books and insects.

Lambert, Guillaume, Prof. Univ. of Louvain, Boulevard de l'Observatoire, 50, Brussels. *Geol.*

Lambotte, Dr., Verviers.

Lambrichs, Edmond, Rue Kessels, 66, Schaerbeek. *Ent., Lepid.*

Lameere, Auguste, Chaussée de Charleroi, 121, Brussels. *Ent., Cerambycidæ.* C. Ex.

Lammens, Dr. F., Rue Dupont, 65, Brussels. *Mic.*

Lancaster, Albert Benoit Marie, Météorologiste-inspecteur à l'Observatoire Royal de Bruxelles, Rue Royale Ste.-Marie, 129, Schaerbeek, near Brussels. *Meteo., Ast.*

Lanszwurt, Rue de la Chapelle, 85, Ostende. *Con.*

Layen, Dr., Sec. R. Institute, Luxembourg. *Bot.*

Leboucq, H., Compure, 155, Ghent. *Anat., Comp. Histol.*

LeBouleugé, P., Liege.

LeBrun, Arthur, Dinant. *Bot.*

Lecatte, Louis, Rue Linnée, 79, St.-Josse-ten-Noode. *Lepid.*

Leclerq, Rue Vauthier, 56, Brussels. *Mic.*

Lecointe, Prof., Antwerp. *Math.*

Lecomte, Théophile, Deux-Acren, near Lessines (Hainaut). *Ent., Coleopt., Lepid.*

Ledeganck, Dr. K., Rue Berckmans, 88, Brussels. *Mic.*

Ledent, Prof. Com. Coll., Verviers.

Lefevre, Th., Secretaire de la Société Royal Malacologique de Belgique, Rue du Pont Neuf, 10, Brussels. *Tertiary fossils.* C. Ex. shells of Belgium for those of the U. S.

Lejeune, J., Chaussée d'Ixelles, 119, Ixelles. *Mic.*

Le Mek, Frederic, 5, Rue de Persil, Brussels. *Math.*

Lemonnier, Alfred, Rue de Quatre Fils Aymon, Mons. *Lepid.*

LePaige, Dr. Ch., Prof. Univ., Liege.

Liagre, Charles, Rue d'Egmont, 46, Malines. *Ent., Lepid.*

Liagre, Gen. J. B. J., Sec. Acad. Roy. Sci., Brussels. *Bot.*

Liénard, V., Rempart de la Bylogue, 264, Ghent. *Comp. Anat. of Anthropods and Worms.* Ex. spec. preserved in alcohol.*

Linden, J., Rue du Chaume, Ghent. *Bot.*

Looz-Corswarem, Prince Guillaume de, Château d'Ahin, near Huy. *Lepid.*

Lubbers, L., Rue du Berger, 26-28, Ixelles, Brussels, *Bot., Hort.*

Macar, Julien de, Quai des Pêcheurs, 39, Liege. *Geol.*

MacLeod, Dr. Julius, Assistant à l'Université, Visscherij, 43, Ghent. *Zool., Anat., Embryol.* C. Ex. Offers Coleoptera, Hemiptera, Arachnids and Mollusks of Belgium, and wishes foreign Arachnids and Mollusks.

Mahaux, Dr., Prof. Univ., Rue Thérèsienne, 8, Brussels. *Mic.*

Mailly, Ed., St.-Josse-ten-Noode.

Malaise, C. H. G. L., Prof. á l'Institut Agricole de l'Etat Belge, Membre de l'Academie Royale, Gembloux. *Min., Geol.* C. Ex. Offer Archæological objects of Belgium, Silurian, Devonian and Carboniferous fossils. Wishes Cambrian and Silurian Fossils, and minerals of America.

Malcorps, E., Rue des Chariots. *Bot.*

Malherbe, Renier, Ingénieur, Rue Dartois, 14, Liege. *Geol.*

Malpertuis, Lucien, Rue du Poinçson, 39, Brussels. *Coleopt.*
Manceaux, Rue des Trois-Têtes, 12, Brussels. *Mic.*
Mansion, Prof., University, Ghent.
Marchal, E., Botanic Garden, Brussels. *Mic.*
Maréchal, Jules, Méry-Tilff, Prov. of Liege. *Ent., Coleopt.**
Marlaye, Auguste, Dinant. *Min., Geol.*
Martens, Dr. Ed., Prof. Univ., Rue Marie-Thérese, 27, Louvain. *Bot.*
Masquelin, Rue Entre-deux-Ponts, 56, Liege. *Mic.*
Masius, V., Prof. *Pathol. and Therapeutics*, Univ. of Liege.
Matagne, Dr., Rue Terre Neuve, 177, Brussels. *Mic.*
Maus, Henry J., Rue du Berger, Ixelles.
Mélise, Louis, Rue du Président, 24, Ixelles. *Coleopt.*
Mélise, Louis, Rue Faider, 16, St.-Gilles, near Brussels. *Coleopt.**
Mélot, Albert, Chaussée de Charleroi, 12, St.-Gilles, near Brussels. *Coleopt.*
Melsens, Louis H. F., Rue de la Grosse Tour, 17, Brussels. *Phys.**
Mercier, J., Chaussée de Wavre, 98, Ixelles. *Mic.*
Mertens, Albert, Rue Marie de Bourgogne, 32, Brussels. *Coleopt.*
Michelet, Gustave, Rue Pascale, 6, Brussels. *Ent.*
Michels, Louis, Naturalist, Galerie du Roi, 19, Brussels. *Ent.: Coleopt.*
Michiels, Charles, Canal des Récollets, 21, Antwerp. *Zool.*
Michót, Norbert Louis, Abbé, Mons, Hainaut. *Bot., Geol., Con., Fossils, Min.* C.
Miedel, Joseph, Rue des Prébendiers, 6, Liege. *Coleopt.*
Miller, Prof. Henry, Place de l'Industrie, 30, Brussels. *Mic.*
Minette, Charles, Avenue Rogier, Liege. *Bot.*
Moerenhaut, Victor, Membre de la Société Entomologique de Belge et de France, Rue des Images, 21 Antwerp. *Coleopt., Lepid.* A very choice collection.
Moisin, Henri, Dinant. *Chem., Min.*
Monin, Fernand, Dinant. *Lepid.*
Montigny, Charles, Schaerbeek.
Morel, Armand, Rue Joseph II., 10, Brussels. *Coleopt.*
Morel, Dr. Jules, Ghent. *Bot.*
Morette, Emile, Rue Keyenveld, 23, Ixelles. *Neuropt.*
Mori, Alfred, Rue Belliard, 83, Brussels. *Lepid.*
Morren, Dr. Edouard, Prof. ord. de Bot. à l'Université, Boverie, 1, Liege. *Bromeliaceæ and Flora of S. America.* C. Plants of S. America.
Mot, Albert de, Grand Rue des Bouchers, 46, Brussels. *Coleopt.*
Mourlon, Charles, Rue de Ruysbroeck, 61, Brussels. *Elect.*
Mourlon, Dr. Michel, Agrégé à l'Université, Conservateur au Musée Royal d'Histoire Naturelle, Membre de l'Academie des Sciences de Belgique, Rue Belliard, Brussels. *Stratigraphical Geol., Upper Devonian.* C. Ex. for the Museum.*
Muller, F., Rue du Beau Site, 2, Brussels. *Bot.*
Navez, Lieut.-Col., Schaerbeek.
Niesten, L., Royal Observatory, Brussels. *Astronomy.*
Nerom, Prosper van, Rue St.-Guidon, Anderlecht, near Brussels. *Coleopt.*
Neuvens, Gen., Antwerp.
Nilis, Dr., Rue St.-Jacques, 22, Bruges. *Ent.*
Noblet, Albert, Avenue d'Avroy, Liege. *Geol.*
Nuel, Université de Gand. *Physiol.*
Oyer, Dinant. *Bot.*
Pâque, A., Prof. Math., Univ., Liege.
Páques, E., S.J., Rue des Récollets, 11, Louvain. *Bot.* C. Herbs of Belgium.
Paquot, Remy, Bleyberg. *Geol.*
Paternotte, Jean, Rue Alphonse Vanden Peereboom, 23, Brussels.

Paternotte, L., Rue Alphonse Vanden Peereboom, 23, Molenbeek-St.-Jean, near Brussels. *Coleopt.*
Pelseneer, Paul, Petite Rue de l'Emyes, Brussels. *Con.*
Perard, Louis, Prof. Univ., Rue du St.-Esprit, 93, Liege. *Geol.*
Peteau, Antoine, Rue Royale, 173, St.-Josse-ten-Noode. *Lepid.*
Petermann, Dr. Arthur, Prof. à l'Institut Agricole de l'Etat, Gembloux. *Agricultural Chem., Mic.**
Petitbois, Gustave, Rue Louvrex, 97, Liege. *Geol.*
Picard, Edmond, Avenue Toison d'Or, 47, Brussels. *Mic.*
Pierret, Emile, Rue du Progrès, 132, Schaerbeek. *Hemipt.*
Piré, Louis, Rue Keyenveld, 111, Ixelles. *Bot.*
Piret, Adolphe, Comptoir Belge de Paléontologie et de Mineralogie, Tournay. *Carb. Palæo.* C. Ex. Will sell specimens.
Pitteurs, Dr. Charles de, Zepperen, near Ordange, Limbourg. *Chem., Nat. Phil.*
Plateau, Felix, Prof. à l'Université, Dir. du Musée, Rue du Casino, 20, Ghent. *Zool., Comp. Anat.* C.
Plateau, J. A. F., Mem. Roy. Acad. Sci., Place du Casino, 15, Ghent. *Phys.*
Pletinckx, Jules, Avenue de la Toison d'Or, 70, St.-Gilles, near Brussels. *Coleopt.*
Poncin, Prof., Arlon. *Coleopt.*
Pré, G. du, Chaussée St. Pierre, 99, Etterbeck, Brussels. *Ent.: Coleopt.*
Preudhomme de Borre, Alfred, Con. Musée Royal d'Hist. Nat., Sec. Soc. Entomologique de Belgique, Rue de Dublin, 19, Ixelles. *Bibliog., Zool., Gen. Biol., Geog. Dist., Articulates, Ent.: Coleopt.**
Prinz, W., Chaussée de Wavre, 263, Brussels. *Geol., Min., Lithol., Mic.**
Proost, Sec. Soc. Roy. Agric., Place Royale, Brussels. *Mic.*
Puls, Jacques Charles, Pharmacien, Place de la Calandre, 4, Ghent. *Diptera, Hymenop.*, especially *Formicidæ* of the world. C. Ex.
Purves, John, Chaussée de Charleroi, 91, Brussels. *Geol.*
Pynaert-van Geert, Ed., Prof. d'Horticulture, Ghent. *Hort., Arboriculture, Pomology.* C. Ornamental Plants and Fruit Trees. Ex. with Botanical collectors of all countries.
Pyro, Joseph, Prof Agric. Inst., Gembloux. *Geol.*
Quaedvlieg, Louis, Visé (Liege). *Lepid.*
Quetelet, Ernest, Ixelles.
Ramy, Albert, Rue Dupont, 56, Schaerbeek. *Mic.*
Renard, A. F., Con. Musée Royal d'Histoire Naturelle de Belgique, Brussels *Geol., Min.**
Renson, G., Rue de la Poste, 192, Brussels. *Mic.*
Reul, Gustave de, Grand Rue, 75, Jambes. *Geol.*
Reusens, Prof. Univ., Louvain. *Arch.*
Robie, François, Pres. Agric. and Hort. Union, Forest, near Brussels. *Ent.*
Rodigas, Em., Ghent. *Bot.*
Roelofs, Willem, Ancien Président de la Soc. Entomologique, Chaussée de Haecht, 218, Brussels. *Ent.: Coleopt.* (Circulionidæ), Geographical Distribution.
Roffiaen, Francis, Rue Godecharle, 16, Brussels. *Moll.* C.*
Rommalaer, Rue de Namur, 44, Brussels. *Chem.*
Rouffard, Rue Impériale, 21, Brussels. *Mic.*
Rousseau, E., Rue du Conseil, 59. *Bot.*
Roussel, Arsenal, Malines. *Mic.*
Royer, Emile, Rue Neuve, 25 Brussels. *Coleopt.*
Ruhl, François, Rue Rogier, 12, Verviers. *Coleopt.*

Rutot, Aimé, Mus. Nat. Hist., Brussels, Rue du Chemin de fer, 34, St.-Josse-ten-Noode. *Geol.*
Sauveur, Jules, Rue Juste-Lipse, 40, Brussels. *Coleopt., Ent.*
Schamberger,, Paul, Thuin (Hainaut). *Ent., Coleopt.*
Schmit, Prof. J. P., Univ. of Liege.
Schmit, N. C., Prof Univ., Brussels.
Schmitz , Chr., S.J., Prof. Nat. Hist. Coll., La Paix, Namur. *Bot.*
Sebus, H., Antwerp. *Bot.*
Segvelt, Edm. van, Boulevard des Arbalétriers, 96, Malines. *Coleopt.*
Sélys-Fauson, Baron Fred. de, Quai Manelis, Liege. *Geol.* C.
Sélys-Longchamps, Baron Edmond de, Mem. de l'Académie Royale de Belgique, Boulevard de la-Souvenière, 34, Liege. *Orn., Mam., Neuropt.**
Siegen, Pierre-Mathias, Luxembourg. *Geol.*
Simon, Dr., Boulevard Central, 33, Brussels. *Mic.*
Société des Naturalistes Dinantais, Dinant; Pres., Prof. Amand Coyon; Sec., Edmond Bruyuinx; Conservator, Gustave Flostroy. *Bot. Zool., Min., Geol.* C. Ex. the products or objects of our country for those of others.*
Spring, Walter, Prof. Univ., Rue Beckman, 32, Liege. *Geol.**
Stas, J. S., St.-Gilles, near Brussels. *Chem.*
Steichen, Michel, Ixelles.
Stevens, Agap, Chaussée d' Ixelles, 242, Ixelles. *Lepid.*
Stevens, René, Rue Malibran, 127, Ixelles. *Coleopt.*
Swaelmen, J. Vander, The Lily Nursery, Ghent. *Bot., Hort.* C.*
Swaen, A., Prof. Anat., Univ. of Liege.
Swcerts, Rue Traversière, 84, Brussels. *Mic.*
Terby, François, Docteur en Sciences, Membre de la Société Royale Astronomique de Londres, Rue des Bogards, 96, Louvain. *Phys., Ast.* C. of drawings of Planets, esp. Mars, Venus, Jupiter. Ex. Publications on Astronomy, esp. for the Observ. of Planets.*
Terssen, Col. of Artillery, Antwerp.
Thibault, Chev. Edouard de, Place Dailly, 13, Schaerbeek. *Lepid.*
Thirot, Edouard, Rue de l'Orient, 19, Etterbeek, Brussels. *Ent.: Hymenop., Lepid., Dipt., Coleopt.* C. Ex.*
Thiroux, Eugène, Boulevard de la Senne, 101, Brussels. *Ent., Coleopt.*
Thomas, E., Rue de la Tribune, 2, Brussels. *Ent., Coleopt.*
Thomas, Es, 12, Rue de Progrès, St.-Josse-ten-Noode. *Ent*
Thyes, Eugène, Rue Goffart, 24, Ixelles. *Lepid.*
Tillier, Achille, Rue de la Coupe, Mons. *Mic.*
Tirlinck, J., Prof. Normal School, Rue des Quatre-Vents, 74, Molenbeek-St.-Jean, near Brussels. *Coleopt.*
Tonneau, Emile, Ingénieur, Farciennes.
Tosquinet, Dr. Jules, Médecin principal de l'armée, Rue Berckmans, 79, à St.-Gilles, Brussels. *Ent., Hymenop., Ichneumonidæ.*
Tourlon, M., Boitsford-lez-Brussels. *Geol.*
Tras, C. R. P., Prof. Coll. La Paix, Namur. *Geol.*
Trasenster, Louis, Prof. Univ. Quai de l'Industrie, 9, Liege. *Geol*
Tricht, Rev. P. Victor van, Prof. Coll. La Paix, Namur. *Coleopt.*
Troostembergh, Max de, Place St.-Jacques, 22, Louvain. *Ent.. Coleopt.*
Valérius, Henri, Ghent.
Van Bambeke, Ch., Rue Haute, 5, Ghent. *Ent.*
Van Bastelaer, Désiré Alexandre Henri, Président du Jury d'Examens de Pharmacie de Belgique Charleroi-Marcinelle. *Bot., Arch.* C
Van Bemmel, Charles, Rue Saint-Lazare, 25, St.-Josse-ten-Noode. *Ent.*
Van Beneden, Edouard, Prof. à l'Université, Rue Louvrex, 12, Liege. *Embryology, Comparative Anat., Zool.* C. of the University. Ex. Wishes to receive Tunicates, esp. Ascidians.*

Van Beneden, Pierre Joseph, Prof. l'Université, 93, Rue de Namur, Louvain. *Zool., Comparative Anat., Animal Palæo.* C.*
Vanden, Born, l'Abbé H., Hasselt. *Diatoms.*
Van den Branden, Constant, Rue de la Madeleine, 69, Brussels. *Ent. Phytophaga of the globe.* C. Ex.*
Vanden Broeck, Ernest, Mus. Nat. Hist., Rue de Perre-Neuve, 124, Brussels. *Geol.*
Vandendaele, Henri, Mem. Société Royale Malacologique de Belgique, Renaix. *Invert. Palæo of the Tertiary, Crustacea, Moll.* C. Ex.*
Vanden Heuvel, Em., Rue de Lacken, 118, Brussels. *Mic.*
Vanden Oberlee, Louis, Rue des Tianneurs, 41, Antwerp. *Zool*
Vanderberghe, Emile, Roulers. *Lepid., Coleopt.*
Vander Linden, Henri, Rue Haut, 43, Antwerp.
Vander Meusbrugghe, G., Ghent.
Vander Kindere, Marcel, Rue de Livourne, 64, Brussels. *Ent.: Lamellicornes.*
Vandernoot, Louis, Rue de la Croix de Pierre, 12, St.-Gilles, near Brussels. *Coleopt.*
Vandresse, Paul, Rue Fyon, Verviers. *Coleopt.*
Van Ertborn, Baron Octave (Winter), Rue des Lits, 14, Antwerp. (Summer), Aertselaer, near Antwerp. *Ast. Geol.**
Van Haesendonck, Dr. C. G., Tongerloo. *Bot.*
Van Heerswinghels, Rue du Persil, 4, Brussels. *Mic.*
Van Heurck, Dr. Henri, Prof. de Botanique, et Directeur du Jardin Botanique, Rue de la Santé, 8, Antwerp. *Bot., Mic., Diatoms.* C. Herbarium of the globe, 70,000 specimens. Ex. Diatoms. Author and editor of "Synopsis des Diatomés de Belgique," containing an Atlas with 130 photo-lith. prints, 3,000 figures. Price, 140 francs, or $28.*
Vanhoren, Dr., Grande Place, St. Trond. *Geol.*
Van Houtte, L., Gentbrugge. *Bot.*
Van Hulle, H. J., Ghent. *Bot.*
Vanlair, C., M.D., Prof. Univ. of Liege. *Gen. Biol., Histol. of Vert.**
Van Leynzeele, Rue de Laeken, 94, Brussels. *Mic.*
Van Nerom, Prosper, Rue Saint-Guidon, Anderlecht. *Coleopt.*
Van Rysselberghe, Royal Observ., Brussels.
Van Scherpenzeel, Thim, Jules, Rue Nysten, 34, Liege. *Geol.*
Van Tricht, Rev. P. Victor, Prof. Nat. Sci., Coll. N.-Dame de la Paix, Namur. *Phys., Meteo., Con.* C. Ex.*
Van Volxem, Dr. T., Prof. Univ., Rue Belliard, 4, Brussels. *Mic.*
Vaughan, E., Boulevard Central, 46, Brussels. *Mic.*
Vaux, Adolphe de, Rue des Anges, 15, Liege. *Geol.*
Vekemans, Jacques, Directeur de la Société Royale de Zoölogie, Antwerp. *Zool.*
Velge, G. Lennick-St.-Quentin. *Geol.* C.
Verbessem, Albert, Avenue du Jardin Zoölogique, 36, Ghent. *Coleopt.*
Vincent, Gérard, Nat. Hist. Mus. of Brussels, Rue Granvelle, 95, St. Josse-ten-Noode. *Geol., Pæleo.* C.
Vos, André de, Univ., Liege. *Bot.*
Warlomont, Dr., Brussels. *Ophth.*
Wehenkel, Dr., Prof. Univ., Rue d'Allemagne, 49, Brussels. *Mic.*
Weinmann, Rodolphe, Chaussée de Mons, 294, Cureghem, near Brussels. *Lepid.*
Weissenbruch, Paul, Rue du Prinçon, 45, Mollenbeek-St.-Jean. *Mic.**
Wesmael, Prof., Nimy, near Mons. *Bot.*
Weverbergh, Dr., Place des Martyrs, 18, Brussels. *Mic.*
Weyers, Joseph-Léopold, Rue de Laeken, 51, Brussels. *Coleopt.*
Wilde, De, Rue Traversière, 42, Brussels. *Chem.*

Willain, D., Trivières, near Braquegnies, Hainaut. *Ent., Coleopt.*
Wilmart, Dr., Prof. Univ., Rue d'Assaut, 26, Brussels. *Mic.*
Wiot, Fr., Liege. *Bot., Hort.**
Wissinger, Camil, Ingénieur et Chimiste, Rue Hotel des Monnaies, St.-Gilles, Brussels. *Chem., Elect.**
Witmeur, Henri, Prof. Univ. and Polytec. Sch., Rue d'Écosse, 14, Brussels. *Geol.*

CORSICA.

Antommarchi, Prof. P., College Paoli. *Bot.*
Burnouf, Charles, Dir. College Paoli. *Bot.*
Dupuis, l'Abbé, Ajaccio. *Coleopt.*
Orticoni, Calvi. *Coleopt.*
Révélière, Eugène, Porto-Vecchio. *Coleopt.*

DENMARK.

Aggersborg, N. N., Copenhagen. *Bot.*
Andrae, Dr. Carl C. G., Copenhagen.
Baagge, J., Apotheker, Nœstved. *Phæn. Bot., Hort., Orn.* C. Ex.*
Barfoed, Prof. Dr. Christen T., Copenhagen.
Bartholin, C. T., Copenhagen. *Bot.*
Bauer, Chr. A. P., Exam. Pharm., Rudkjoebing. *Ichth.* C
Becher, A., Oesterbrogade, 27, 2, Copenhagen. *Bot.*
Benzon, Alfred, Copenhagen. *Bot.*
Bergh, Dr. Rudolph, Snaregade, 10, 2, Copenhagen. *Bot., Zool., lower animals.*
Bergstedt, N., Bodilsker pr. Nexoe. *Bot.*
Bertelsen, Thisted. *Bot.*
Bing, Direct, 37 Pilestraede, k., Copenhagen. *Math.*
Blom, Kronprinsessegade, 30, Copenhagen. *Bot.*
Boas, Dr. J. E. V., Zoölogisches Museum, Copenhagen. *Zool.* (*Vertebrate*), *Crustacea.*
Bohr, Dr. Christian, Physiol. Lab. Bredgade, 62, Kjobenhavn. *Gen. Biol.**
Borries, T., Roeskilde. *Bot.*
Boysen, J. H. H., Ravnsborggade, 6, 2, Copenhagen. *Bot.*
Breidahl, H., Horsens. *Bot.*
Bremer, W., Copenhagen. *Bot.*
Bruhn, C. A., Odense. *Bot.*
Christiansen, Christian, Copenhagen.
Christensen, Hygom, Uggelbolle pr. Ronde. *Bot.*
Christensen, J. P., Vilvorde pr. Charlottenlund. *Physics, Bot.*
Colding, Prof. Ludvig A., Copenhagen.
Collin, Jonas, Rosendalsvei, 5, Copenhagen. *Vert. Zool*
Crone, Dr., 7 Amaliegade, K., Copenhagen. *Math.*
Daniels, V., Blegdamsvej, 10, N. Copenhagen. *Bot.*
Branth, Rev. J. S. Deichmann, Sneptrup, near Skanderborg. *Lichenology, Geol.* C. Lichens. Wishes Lichens from So. temperate climates, and can offer Boreal and Arctic in ex.*
Didrichsen, Prof., 12 Svanemosegaardvej, V. Copenhagen. *Bot.*
Dohlmann, Sophius, Frederiksbarygade, 40k, Copenhagen. *Lepid.* C. Ex.
Drewsen, Strandmöllen bei Copenhagen. *Coleopt., Hymenop.*
Ernstsen, H. P., Roerby pr. Kallundborg. *Bot.*

Fausboell, J., Hassing pr. Thisted. *Geol.*
Fausboell, Dr. Michael, V. Copenhagen.
Feilberg, C., Oesterbrogade, 52, Copenhagen. *Bot.*
Feilberg, Rev. H. F., Darum præstegaard, near Bramminge Station. *Bot., Philol.: Danish Dialects.**
Flindt, H., Fredriksberg Runddel, V. Copenhagen. *Bot.*
Fraas, V., Valby pr. Helsinge. *Bot.*
Friedericksen, Th. Bot. Gar., Copenhagen. *Bot.*
Friis, J. J. L., Gothersgade, 163, Copenhagen. *Bot.* C. Ex.*
Gad, C., Viborg. *Bot.*
Gelert, Otto C. L., Copenhagen. *Bot.* C. Ex.
Gram, Chr., Ladegaardsvej, 3, V. Copenhagen. *Bot.*
Gram, Dr. F. P., 90, Sölgade K., Copenhagen. *Math.*
Groenlund, Chr., Fredriksberg Allé, 30, V. Copenhagen. *Bot.*
Haas, Andreas Bang, Norresogade, 37, Copenhagen. *Lepid.*
Hallas, Capt. V., Svendborg. *Bot.*
Hannover, A., M.D., Prof. Gl. Kongevej, 91, Copenhagen, V.*
Hansen, Carl, Docent k., Landwirthschaftlichen Hochschule, Copenhagen. *Bot. Cultivates Plants and Trees.* C. Ex. European Plants, Fruits, and Fir Trees for foreign.
Hansen, Dr. Emil Chr., Vorstand des Physiologischen Laboratoriums, Carlsberg, Copenhagen. *Physiology of Plants.**
Hansen, J. J., Vedby pr. Ruds Vedby. *Bot.*
Hansen, Kofoed, Flintinge pr. Nykjöbing (Falster).
Hansen, Dr. P. C. V., Bartholinsgade, 3, Copenhagen, K. *Math.**
Hansen, P. M., Slotogade, 8, Aalborg. *Bot.*
Heiberg, C. C. B., Norrebros, Copenhagen, N. *Bot.**
Helveg, L., V. Copenhagen. *Bot.*
Hempel, P., Friesenborg pr. Hammel. *Bot.*
Hildebrandt, Paul, Sæby, Jutland. *Bot.: Ferns, Mosses, Lichens.* C. Ex.*
Hjorth, A. L., Ronne. *Bot.*
Hofman (Bang), N. E., Hofmansgave pr. Odense. *Bot.*
Hoff, R., Ronne. *Bot.*
Hoffmeyer, N., Kapitän und Dir. des k. Dänischen Meteorologischen Institutes, Copenhagen. *Meteorology.**
Hohlenberg, J. S., Nörregade, 17, Copenhagen. *Naut. Meteo.*
Holm, Th., Frederiksborggade, 52, Copenhagen. *Bot.* C. Ex. Wishes Cyperaceæ, Phanerogamia, Cryptogams from N. Europe.
Holm, V. C., Helsinge. *Bot.*
Holten, Carl V., Prof. Phys., Univ., Copenhagen.
Horring, A. F., Fredriksborggade, 26, 1, Copenhagen. *Bot.*
Jacobsen, E., Copenhagen. *Bot.*
Jacobsen, H., Hæsede pr. Ronnede. *Bot.*
Jacobsen, Dr. J. C., Carlsberg ved Copenhagen. *Bot.*
Jensen, Chr., Hvalso Apothek, Hvalso Station. *Mosses.* C. Ex.*
Jensen, G., Hvalso. *Bot.*
Jensen, Marius, St. Knudsvej, 30, 5, V. Copenhagen. *Bot.*
Jenssen-Tusch, Harald, Col., Fredriksberg Bredegade, 21, Copenhagen. *Bot.* C.
Jeppesen, Vordingborg. *Bot., especially Fungi.* C. Ex.*
Johnstrup, Fr., Prof. u. Director des Mineral-geogn. Museum der Universität, Copenhagen. *Min., Geol.* Glacier formations of Denmark.
Jorgensen, Alfred, Director of laboratory, Bartholinsgade, 3, 2, Copenhagen. *Technical Microscopy.**
Jorgensen, H. G., Fredriksberg Allé, 17, 1, V. Copenhagen.
Jorgensen, P., Odense. *Bot.*

Jörgensen, Dr. S. M., Lector an der Universität, Frederiksborggade, 33, Copenhagen. *Chem.*
Kiærskou, Hjalmar, Prof. à l'école polytechnique Bibliothecaire et Conservateur du Musée Botanique, Botanical Gardens, Copenhagen. *Filices, Brassica, and Tech. Microscopy.**
Kloecker, A., Cort Adelersgade, 10, Copenhagen, K. *Bot.* C. Ex.
Koch, H. P. G., Riserup pr. Norre Alslev., Falster. *Bot.*
Krabbe, Dr. Harald, Lehrer der Anatomie u. Physiologie bei der k. Veterinärschule, Monradsvej, 19, V. Copenhagen. *Vet. Anatomy, Helminthology.*
Lange, Prof. Dr. Johan, Lehrer in Botanik bei dem königl, Veterinär und Ackerbauschule, Thorvaldsens Vej, 5, V. Copenhagen. *Bot.* Wishes N. American plants, espec. trees and shrubs, in ex. for N. European and Greenland plants.
Langkhilde, R. C., Silkeborg. *Bot.*
Larsen, R., Fredkriksværk. *Bot.*
Lassen, Dr. J., Nörregade, 32, 3, Copenhagen. *Bot.*
Leth, T., Sahl pr. Bjerringbro Station. *Bot.*
Lind, C., Assens. *Bot.*
Löffler, Doc., Frederiksberg Allé, 22, V. Copenhagen. *Geog.*
Lorenz, Prof. Dr. Ludvig, V. Copenhagen. *Math.*
Lotze, Gustav, Pres. Pharm. Assoc. of Denmark, Dir. Mus. of Antiquities, Odense. *Bot., Hort., Min., Arch.* C. Ex. Am. Antiquities for corresponding coll. of Danish in silex.*
Lowzow, A. G., Slettegaard pr. Helsinge. *Bot.*
Lund, Prof. Dr. Peter, V. Copenhagen.
Lund, Samsöe, Bot. Gardens, N. Copenhagen. *Bot.*
Luplau, Svendborg. *Bot.*
Lutken, Christian F., Dr. Phil., Asst. Zoöl., Zoölogical Museum, Univ. Copenhagen, Johannerg, 10, Copenhagen. *Gen. Zool., Palæo., Ichth., Cœlenterata, Echinoderms, Parasitical Crustacea.*
Madsen, H. P., Copenhagen. *Bot.**
Matthiessen, H. J., Kjoge. *Bot.*
Meinert, Dr., 20, Bülowsvc, V. Copenhagen. *Zool.*
Moller Fabricius, Ribe. *Bot.*
Möller, Hans Jacob, Nörrebrogade, 22, Copenhagen, N. *Chem.**
Möller, S., Norre Sundby. *Bot.*
Möller-Holst, Frederiksberg Allé, 15, V. Copenhagen. *Bot.*
Moltke, E. G., Norager pr. Ruds Vedby. *Bot.*
Molkte, V., Birkerod. *Bot.*
Morch, J., Hobro. *Bot.*
Mortensen, A. C., Vemmetofte pr. Storhedinge. *Bot.*
Mortensen, H., Johnstrup pr. Ballerup. *Bot.*
Morville, G., Viborg. *Bot.*
Müller, Dr. Carl L., Copenhagen.
Müller, Dr. P. E., 25, gl. Kongeve, V. Copenhagen. *Zool.*
Nielsen, A., Silkeborg. *Bot.*
Nielsen, J., Viemose pr. Praesto. *Bot.*
Nielsen, P., Orslov. pr. Skjelskor. *Bot.*
Nyeland, S., Vilvorde pr. Charlottenlund. *Bot., Gardening.*
Oppermann, Prof. L. H. F., 90, Vesterbrogade, V. Copenhagen. *Math.*
Ottesen, L. O. C., Jagtvej, 81, N. Copenhagen, *Bot.*
Overgaard, Gjettrup pr. Thisted. *Bot.*
Panum, Dr. Peter L., Prof. Physiol., Univ., Copenhagen.
Paulsen, A., 10, Norregade, K. Copenhagen. *Physics.*
Pechyle, Dr., Observatory, K. Copenhagen. *Ast.*
Pedersen, Christian, Gardener, Lerckenborg, near Kaludborg. *Bot., Fungi, Geol.* C.*

Pedersen, N., Norager Vaaseskov pr. Ruds Vedby. *Bot.*
Pedersen, R., Klerkegade, 9, 1, Copenhagen. *Bot.*
Petersen, E. A., Copenhagen. *Bot.*
Petersen, E. P. F., Copenhagen. *Bot.*
Petersen, K. T., Copenhagen. *Bot.*
Petersen, Nicolai Emil, Sölleröd, near Holte. *Bot.* C.
Petersen, O. G., Gothersgade, 154, N. Copenhagen. *Bot.*
Petersen, Dr. Peter C. J., Polytec. School, Copenhagen. *Math.*
Petersen, S., Slotsbjergby pr. Slagelse. *Bot.*
Petit, E., Harsdorfsvej, V. Copenhagen. *Bot.*
Piper, H. A. T., Copenhagen. *Bot.*
Poulsen, Dr. C. M., 5 Castanievej, Copenhagen. *Moll., Zool., Bot.*
Poulsen, H. F., Vester Egitsborg pr. Præsto. *Bot.*
Poulsen, J. C., Odense. *Bot.*
Poulsen, Viggo A., Rosenvængets Hovedvei, 29, Copenhagen. *Bot.*
Rasch, C., Graabrödretorv, 5, Copenhagen, K. *Bot., Algæ.* C. Ex. Wishes Algæ in ex. for N. European Algæ.*
Rasmussen, H., Karleby pr. Nykjöbing p. F. *Bot.*
Reinhardt, J., Prof. u. Docent d. Zoölogie, Universität, Museum, Copenhagen. *Mammals, Birds, and Reptiles, living and dead.*
Riise, A. H., Fredriksberg Allé, 12, V. Copenhagen. *Bot.*
Rink, Dr. Hinrich J., Platanvei, 15, Copenhagen. *Geol.**
Rosenberg, Caroline, Hofmansgave pr. Odense. *Bot., Algæ.*
Rosenvinge, L. Kolderup, Oester Farimagsgade, 20, Copenhagen. *Bot., Algæ.**
Rossing, Fredriksberg Allé, 36, 2, V. Copenhagen. *Bot.*
Rostrup, E., Skaarup pr. Nyborg. *Bot., Fungi.*
Rothe, Tyge, Dir. Royal Gardens, Rosenborg, Copenhagen. *Bot., Culture of Plants.**
Rudmose, N., Ferslev pr. Roeskilde. *Bot.*
Rung, G. A., St. Kongensade, 85, Copenhagen. *Meteo.*
Rützou, Sophus, Cand. Pharm., Nörregade, 20, Copenhagen. *Bot., Mic.*
Salomonsen, Dr. Ch. Jul., Gammelstrand, Copenhagen. *Bot.*
Schiötz, Th., Odense. *Bot.*
Schiödte, Jörgen, Christian, Prof. Zool. Univ., Copenhagen.
Schjellerup, Dr. Hans C. F. C., Prof. Ast., Observ., Copenhagen.
Schmidt, A., Copenhagen. *Bot.*
Schmidt, Dr. Frederik T., Prof. Anat. Univ., Copenhagen.
Schmidt, Vald., Frederikshavn. *Bot.*
Schultz, A. C., Admiral, Laessöesgade, 6, Copenhagen. *Bot., Ferns.*
Schütz, C., Helsingör. *Bot.*
Seehusen, V. L., Copenhagen. *Bot.*
Skouskbo, Sorgenfri, Lyngby. *Bot.*
Smith, Otto, Lerchenborg, near Kallundborg. *Bot.* C.*
Steen, Dr. Adolph, Prof. Math., Univ., Copenhagen.
Steenstrup, Dr. Johann J. S., Prof. Univ., Vesterbrogade, 115, Copenhagen. *Zool., Geol.*
Stockfleth, V. P. T., Osterbrogade, 31, Copenhagen. *Bot.*
Strom, V., Odense. *Bot.*
Thiele, Prof. Dr. Thorvald, Nicolai, Observatorioct, Copenhagen. *Ast.**
Thisted, Frederiksvaerk. *Bot.*
Thomsen, Dr. Hans P. J. J., Prof. Chem. Univ., Copenhagen.
Thorkelsson, Dr. Jon, Copenhagen.
Thoroddsen, ——, Modruvellir pr. Akureyri, Island. *Bot.*
Thorsen, M., Græsvænge pr. Marstal. *Bot.*
Tingel, Dr. V., Blegdamsvei, 13, Copenhagen. *Geognosy.*
Topsoe, Dr. Haldor, Inspecteur, Royal des Fabriques, Prof. à l'Académie Militaire, Copenhagen, V. *Chem., Crystal.**

Trier, S. M., Kosenborggade, 3, Copenhagen. *Bot.*
Tychsen, Dr. Camillo, Dir. der Staats Lebensversicherungs-Anstalt, Savanholmsvei, 1, Copenhagen. *Math.*
Vestesen, B. Q., Mynstersvej, 4, V. Copenhagen. *Bot.**
Vilandt, Dr. Hans N. P., Ribe. *Bot., Cyperaceæ.* C.*
Wiinstedt, Dr., Tvaergade, 52, 1, Copenhagen. *Bot.*
Worsaae, Dr. Jens J. A., Dir. Mus., *Northern Antiquities*, Copenhagen.
Zahrtmann, Hans Hornslet, near Aarhus. *Bot., Insect fertilization.*
Zeuthen, Dr. Hieronymus, G., Univ., Copenhagen. *Math.*

FRANCE.

Abbadie, Antoine, T., Mem. Acad. Sci., Paris. *Geog. and Navi.*
Abbadie, d', 120, Rue du Bac, Paris. *Phys.*
Abeilhé, Edouard, Marciac, (Gers). *Coleopt., Palæo., Orn.*
Abeille, de Perrin Elzéar, Place les Palmiers, 11, Hyères (Var). *Coleopt., Hymenop.*
Abria, Jérémie J. B., Quai de Bacalan, Bordeaux. *Phys.*
Agnel, fils, Z. d', Rue Muiron, 10, Mourillon, Toulon. *Coleopt.*
Agoult, Comte d', Voreppe (Isère). *Agric.*
Aimé-Girard, Prof., Rue du Bellay, 5, Paris.
Alain, L., Rue de Châteaudun, 23, Paris. *European Lepidoptera.*
Alanore, Pres. Med. Soc., Clermont-Ferrand. *Bot.*
Albanel, Boulevard St. Michel, 67, Paris. *Ent.*
Albert, Ampus, near Draguignan. *Bot.*
Alexandre, Auguste, Rue Brezin, 4, Montrogue (à Paris). *Coleopt.*
Alexandre, Paul, Rue de l'Ecusson, 31, Alençon. *Coleopt.*
Alglave, Prof. Em., Villa de la Réunion, 91, Rue du Point- du-Jour, Paris (Auteuil).
Alix, Place St.-Vincent, Blois. *Coleopt.*
Allard, Ernest, Rue Paradis-Poissonnière, 2, Paris. *Coleopt.*
Allard, Gaston, La Maulevrie, Route des Ponts-de-Cé, near Angers. *Coleopt.*
Allard du Plantier, Rue des Quatre-Chemis, Voiron. *Coleopt.*
Alléon, Comte, Rue St.-Dominique, 85, Paris. *Coleopt.*
Allin, Rue Rousselet, 31, Paris. *Ent.*
Alluard, Prof. E., Faculty of Science, Clermont-Ferrand. *Phys.*
Amadieu Tours (Indre-et-Loire). *Ent.*
Amans, Dr., Montpellier. *Zool.*
Amblard, Dr. Louis, Rue Paulin, 14 *bis*, Agen. *Coleopt.*
Amigues, Prof. E., Lyceum, Marseilles. *Math.*
Ancey, C. F., fils, Grande Rue Marengo, 56, Marseilles. *Con.* Chiefly L. and F. W. C. Ex. Many duplicates from Algeria, Mediterranean and Arctic Seas, etc. Wishes land shells from the Rocky Mountains and territories. Sends lists. Correspondence solicited; also names of exotic land shells.*
Ancey, Felix, Grande Rue Marengo, 56, Marseilles. *Coleopt. and Hymenop. of the world.* C. Ex. Offers an immense number of duplicates. Wishes to get spec. from Central and Western U. S., and generally those from any country but Europe. Correspondence solicited.
Andouard, Ambr., Prof. Ec. de Médecine, Nantes. *Bot., Chem.**
André, Prof. Charles, Lyons. *Astronomy.*
André, Ed., La Croix de Bléré. *Bot.*

André, Edmond, Ingénieur, Boulevard Bretonnière, 21, Beaune (Côte-d'or). *Hymenop.* C. Hymenoptera of the world. Offers all French Natural History objects in ex. for foreign Hymenoptera.*

André, Ernest, Rue des Promenades, 17, Gray (Haute-Saône). *Ent., Hemiptera of France, and Formicariæ of the world.* C. Ex. Formicariæ of Europe for foreign.*

Angot, A., Bureau Central Meteor, 60, Rue de Grenelle, Paris. *Phys.**

Antessanty, l'Abbé Gabriel d', Lyceum, Troyes. *Coleopt.*

Anthouard, Léon, Sauve. *Bot.*

Antoine Albert, Prof. Math. Lyceum, Rue Embouque-d'or, 7, Montpellier.

Aprèval, d', Rue Tronchard, 37, Brunoy (Seine-et-Oise). *Coleopt., Nat. Hist.*

Aragon, Amédée, Perpignan. *Coleopt.*

Archambaud, Gaston, 141, Rue Notre-Dame, Bordeaux. *Orn.*

Argod, Albert, Membre des Sociétés Entomologiques de France et d'Italie. Crest (Drôme). *Coleopt.* C. Ex. Insects of France, Italy, and Switzerland.

Arlin, Adrien, Collaborateur de la carte géologique detaillée de la France, Archiviste, Paléographe, St. Sorlin (Loire). *Palæo., Geol., Mic., Photog., Anth., Arch., Ethnog.* C.*

Arnaud, Charles, Membre à Vie de la Soc. Botanique de France, Layrac, par Agen (Lot-et-Garonne). *Bot.* C. Ex. for European plants only.*

Arnaud, H., Avocat, Rue Froide, 23, Angoulême (Charente). *Geol., especially Cretaceous.* C. Ex. for Chalk.

Aronssohn, Prof. P., 130, Boulevard Haussmann, Paris.

Artigue, Felix, 28, Rue Laseppe, Bordeaux. *Palæo.*

Artique, Henri, 30, Rue de Cheverus, Bordeaux. *Bot.*

Artufel, Boulevard du Musée, 1, Marseilles. *Coleopt.*

Arvet-Touvet, Gières (Isère). *Bot., Hieracia.**

Association pour les Echanges entre Musées Scolaires et cantonaux, honorée d'une Subvention Ministéricelle, 11, Rue Soufflot, Paris (Bureau du Journal pédagogique de l'École). Pres., J. Saint-Martin; Sec.-fondateur, Paul Berton. C. Ex. of all manufactured products.

Astre, Charles, 13, Rue Basse, Montpellier. *Chem.*

Aubert, Toulon. *Coleopt.*

Auberti, Joseph André Marius, Aide-Naturaliste au Muséum, Rue des Oblats, 3, Marseilles (Bouches-du-Rhône). *Carcinology, Crustacea, principally of the Mediterranean.* C. Ex. for first-class specimens from all parts of the world.

Aubouy, A., Secrétaire redacteur de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault, et Botaniste, Rue de la Gendarmerie, 2, Montpellier. *Bot.* C. Herbs of France and plants of Europe, especially of Switzerland and Belgium. Ex.

Audoynaud, Prof. Alfred, 25 Boulevard de l'Hôpital, Montpellier. *Agric.*

Augis, Bot. Gar., Caen. *Bot.*

Aumonier, Jacques-Marie, Rue Sainte-Placide, 58, Paris. *Geol.*

Austaut, Bellegrade (Ain). *Lepid.*

Autheman, Martigues. *Bot.*

Auvert, Georges, Chateau le Grand-Fort, St.-Denis-en-Val, near Orléans. *Phæn. Bot., Anat., Ent., Coleopt., Moll., Comparative Physiol.**

Auzoux, Dr. Hector, St.-Aubin-d-Ecrosville, near Neubourg. *Coleopt.*

Aymonet, Collége de France, Paris. *Chem., Phys.*

Azam, Ch., Rue de l'Observance, 60, Draguignan. *Ent.: Coleopt.*

Baclé, Louis, Ingénieur des Mines, ancien élève de l'Ecole Polytechnique, 143, Boulevard Magenta, Paris. *Phys.**

Baer, Gustave-Adolphe, Cité Bergère, 1 *bis*, Paris. *Coleopt.*

Bagnaux, J. de, 50, Rue d'Amsterdam, Paris.
Baillarger, Dr, 8 Rue de l'Université, Paris.
Baillaud, Dir. Observ., Toulouse. *Phys.*
Baillet, Pussay. *Coleopt.*
Bailly, Louis, Belley (Ain). *Geol., Min., Anth.* C. Ex.*
Baizamor, J., Rue Jouben, 4, Paris. *Mic.*
Balansa, Rue des Poitiers, 36, Toulouse. *Bot.*
Balbiani, Prof. d'Embryogénie, Collége de France, 18 Rue Soufflot, Paris. *Ent.: Embryology.*
Baldy, Joseph, Pres. Tribunal of Commerce, Rue des Grenadiers, Montpellier.
Balguerie, Alfred, Ingénieur à la Compagnie des Chemins du Fer du Midi, Membre de la Société Linnéenne de Bordeaux, 84 Cours du Jardin-Public, Bordeaux. *Min., Palæo., Geol., Crystal., Lithol., Zool., Moll., Con.* C. Ex. fossils for minerals, rocks, and shells.*
Barallier, Dr., Dir. Bot. Gar., Rochefort. *Bot.*
Barbat, Pierre-Michel, Châlons. *Coleopt.*
Bardin, Salon. *Coleopt.*
Bardin, Louis, l'Abbé, Prof. Geol. Univ., libre d'Angers, Rue de la Prefecture, 19, et à Sièches (Marne-et-Loire). *Geol., Palæo.* C. Ex. tertiary fossils of Touraine and Anjou for foreign, especially American.*
Baril, A., Nigré, par Loulay. *Bot., Orn.*
Baril, Gédéon, Rue Bellevue, 37, Amiens.
Barla, Jean Baptiste, Dir. du Musée d'Histoire Naturelle, Place Garabaldi, 6, Nice. *Bot., Mycology, Ichth.* C. Ex. meridional plants, orchids, mushrooms.*
Barnsby, David, Prof. Sch. Med., Quai du Ruan St. Anne, 36, Tours. *Bot.*
Baron, G., Avenue de St.-Cloud, 85, Versailles. *Coleopt.*
Barral, J. A., Sec. Soc. Nat. Agric. of France, 66, Rue de Rennes, Paris.
Barrande, Dr. Joachin, Rue de l'Odéon, 22, Paris. *Palæo.* (See Austro-Hungary.)*
Barrandon, A., Conservateur du Jardin des Plantes, Montpellier (Hérault). *Bot.* C. Ex. Offers plants of S. France, and wishes plants of America.
Barras, Jos., Conducteur de Travaux, Clermont (Puy de Dôme). *Bot., Min., Zool.* C. Ex. plants of Switzerland, Southern and Central France.
Barraud, Jules, 31, Cours du Jardin-Public, Bordeaux. *Orn.*
Barrère, Félix, Place Marcadieu, 24, Tarbes. *Coleopt.*
Barrois, Charles, Rue Solférino, 220, Lille. *Geol.*
Barrois, Dr. Jules, Dir. du Laboratoire de Zool., Villefranche-Sen-Mer. (Alpes-Maritimes) *Emb.**
Barrois, Dr. Théodore, Licencié Sciences-Naturelles, 37, Rue de Lannoy, Lille (Fives). *Moll., Crustacea, Echinoderms.*
Bartholony, 12, Rue la Rochefoucauld, Paris.
Bassot, Rue de la Paix, 26, Paris. *Coleopt.*
Bataillard, Dr. Paul, Rue Cassini, 6, Paris. *Eth., Met.* C.
Batault, Rue des Poulets, 6, Châlon-sur-Sâone. *Lepid.*
Baudon, Dr. A., Mong de l'Oise. *Moll.*
Baudrimont, Dr., Rue St.-Rémy, Bordeaux. *Palæo.*
Bavay, Prof., à l'Ecole de Médecine Navale, Grand Rue, 49, Brest. *Conchology, Herpetology, Helminthology.* C. Ex. L. and F. W. Shells.*
Bayard, Sec. Soc. Pharm. of Seine-et-Marne, Fontainebleau.
Bayard, H., Polytec. School, 8, Rue de Bagneux, Paris.
Bayle, Ingénieur en chef des mines, 118 Rue d'Assas, Paris. *Palæo.*
Beaudoin, Victor, Péronne. *Coleopt.*

Béchamp, Dr., Univ. Cath., 8, Rue Beauharnais, Lille.
Béclard, Prof. Dr., 65, Boulevard St. Michel, Paris.
Becquerel, Alexandre E., Mem. Acad. Sci., Paris. *Phys.*
Becquerel, Ed., 57, Rue Cuvier, Paris. *Phys.*
Bedel, Louis, Rue de l'Odéon, 20, Paris. *Coleopt.*
Bedorez, Prof., Lyceum, 60, Rue de Flore, Le Mans. *Phys.*
Béguyer de Chancourtois, Prof., 10, Rue de l'Université, Paris.
Bellerade, Bial de, Place Henri IV., Bordeaux. *Conchology, Entomology.**
Bellevoye, Adolphe, Rue du Four-du-Cloître, 5, Metz. *Coleopt.*
Bellier de la Chavignerie, E., Naturaliste, Rue St. Louis, 35, Evreux (Eure). *Ent.: Lepid. and Coleopt.* C. Ex. First-class specimens.
Bellon, Gustave, Rue Tres-Cloîtres, 13, Grenoble. *Coleopt.*
Belly, Rue Voltaire, 14, Bordeaux. *Bot.*
Belon, Prof. Paul, Rue du Plat, 25, Lyons (Rhône). *Coleopt.* C. Lathridiidæ and Longicornes of the globe. Ex.
Beltremieux, Conrad, Chevalier de la Légion d'Honneur, Rue des Fondères, 48, La Rochelle (Charente-Inférieure). *Geol., Palæo., Zool.* Ex.
Beltremieux, Edouard, 42, Jardins, Rochelle. *Geol.*
Benoist, A., Beaugency. *Coleopt.*
Benoist, Emile, Rue de la Franchise, 6, Bordeaux. *Palæo.*
Benoit, Dr. R., Pavillon de Breteuil par Saint-Cloud (Seine-et-Oise). *Phys.*
Bénouville, Léon, Rue de Seine, 53, Paris. *Ent.: Neuropt.*
Bérard, Charles, La Garde, near Montlieu. *Coleopt.*
Berchon, Dr. Ernest, Directeur du Service Sanitaire de la Gironde des Landes, des Basses Pyrénées, et de la Charente Inf., Pauillac (Gironde) *Zool., Geol., Anth.* C. Ex.
Berdoulat, Jules, Miremont. *Coleopt.*
Berenguis, Château du Clos-Oswald par Roquebrune (Var). *Moll.*
Berger, Eugène-Louis, Rue Berthollet, 17, Paris. *Coleopt.*
Berger, Dr. Jules, Dir. de l'Ecole de Médecine, Rue Lafayette, 5, Grenoble (Isère). *Coleopt.*
Berher, Dr. E., Epinal. *Bot.*
Bernadac, A., Polytec. School, Rue du Jour, 6, Champigny (Seine).
Bernard, Prof., Cluny (Saône-et-Loire). *Chem.*
Bernard, Henri, Gonneville par Criquetot-l'Esneval (Seine-Inférieure). *Gen. Bot. Spec. Algæ.* C. Ex.*
Bernard, Dr. Marius Blaise, Quai Saint Pierre, 2, Cannes. *Anth.* C.
Bernard, Pharmacien-major, La Rochelle (Charente Inférieure). *Mycology.*
Bernard de Montessus, Dr. Ferdinand, Pres. Soc. des Sciences Naturelles de Saône-et-Loire. Châlon-sur-Saône (Saône-et-Loire). *Palæo., Geol., Min., Orn., Ent.: Lepid., Coleopt.* C. Ex.*
Bernardin, Camille, Brie-Comte-Robert. *Bot.*
Bernault, Abbé, Rue des Bouillis, 25, Blois. *Palæo.*
Berne, Dr. Paul, A.B., B.Sc., 63, Boulevard St. Germain, Paris. *Zool., Anth., Hist.* C.
Beroard, Rue de Sault, 6, Grenoble. *Coleopt., Lepid., Orn.*
Bertant, Bayonne. *Ent.*
Berthelot, Marcelin P. E., Mem. Acad. Sci., Rue Mazarine, 3, Paris, *Phys.**
Bertholey, Mornant. *Coleopt.*
Berthoumieu, V., Curé, Bayet in St. Pourçain (Allier). *Bot., Ent., Lepid.*
Bertillon, Dr., Prof. de Démographie à l'Ecole d'Anthropologie de Paris, Rue des St. Pères, 18, Paris. *Demography, Mycology.* C.
Bertin, Cherbourg. *Phys.*

Bertin, Dir. Normal School, Rue d'Vim, 45, Paris. *Phys.*
Bertin, J., Rue de la Petite-Porte, 5, Rouen. *Ent., Coleopt.*
Bertin, Prof. Dr. Georges, 2, Rue Franklin, Nantes.
Bertin, Louis Emile, Ingénieur de la Marine, Rue de la Rampe, 1, Brest.*
Bertin, Sans, Prof. Dr. Émile, 3, Rue de la Merci, Montpellier.
Bertrand, Sec. Acad. Sci., Rue de Seine, Paris. *Phys.*
Bertrand, J., Prof. Coll. of France, 9 Rue des Saints-Pères, Paris.
Bertrand, Jules, Haute-Payre. *Ent.: Coleopt.*
Bertrand, Prof. Dr. Ch. Eug., Grande Route de Béthune, 17, Loos, near Lille. *Bot.*
Bertrand, Manel, Ingénieur au Corps des Mines, Rue St. Guillaume, 29, Paris. *Geol.*
Bertout, Bayonne. *Coleopt.*
Bescher, Auguste, Rue Royale-St-Honoré, 8, Paris. *Coleopt.*
Bescherelle, Em., Rue de Sèvres, 45, Paris. *Bot.*
Béthune, Albert, Rue Jeanne-d'-Arc., Reims. *Con., Ent., Coleopt., Geol.**
Bétis, Louis, Rue du Faubourg du Temple, 19, Paris. *Coleopt.*
Bezançon, Dr. Alph., Rue de Tournons, 29, Paris. *Palæo., Con.*
Bial de Bellerade, Mérignac (Aux Tarres), near Bordeaux (Gironde). *Ent., Coleopt., Carabidæ, Phytophages.* C. Ex.
Biche, Prof., College, Pézénas. *Bot.*
Bidard, Dir. Agric. Station, Rouen. *Bot.*
Bignon, Louis, Lassay. *Coleopt., Ent.*
Bigot, Rue Michel Angelo, 23, Paris. *Ent.*
Bigot, F. A., Place de l'Hôtel-de-Ville, 10, Versailles. *Ent.: Lepid.*
Bigot, Just, Rue des Fontis, 2, Anteuil, Paris. *Coleopt., Hemipt., Galls.*
Bigot, J. M. F., Officer d'Acad., Mem. Soc., Ent. de France, Rue Cambon, 27, Paris. *Ent.**
Bigout, Boulevard St. Michel, 60, Paris. *Chem.*
Billet, Albert, Rue Vauquelin, Paris. *Geol.*
Billiet, P., Precepteur, Tauvres (Puy de Dôme). *Bot., Phanerogams and Vascular Cryptogams.* C. Ex. Plants of Monts-Dôres and Mont. Dômes and Central France, for Plants of Europe, N. America, Algiers, and Asia Minor.
Billing, Le Baron Robert de, Avenue des Champs-Elysées, 24, Paris.
Billy, Charles de, Rue Franklin, 14, Paris.
Blanc, Edouard, Cercy-la-Tour. *Coleopt.*
Blanc, Marius, Quai du Canal, 22, Marseilles. *Coleopt., Lepid., Hemipt.*
Blanchard, Emile, Rue de l'Université, 34, Paris. *Ent.: Coleopt.*
Blanchard, J., Bot. Gar., Brest. *Bot.*
Blanchard, Dr. Raphaël, Préparateur du cours de physiologie à la Sorbonne, Sec. Général de la Soc. Zool de France, Rue Monge, 52, Paris. *Comp. Anat., Physiol., Vert. Palæo., Zool.**
Blanche, Dr. Em., Rue de l'École, 8, Rouen. *Bot.*
Blanchet, Dr., Bayonne (Basses Pyrénées). *Bot.*
Blandeau, Dr. Dijon. *Ent.*
Blaud, Ch., St.-Germain-de-Prinçay, par Chantonnay. *Coleopt.**
Blavet, A., Président de la Société d'Horticulture, Etampes (Seine-et-Oise). *Bot.* C. Ex.
Blavy, Alfred, Rue Baralierie, Montpellier. *Mic.*
Bleicher, Prof., Nancy. *Nat. Hist., Geol., Palæo.*
Bleuse, Léon, Rue de Paris, 36, Rennes. *Coleopt.*
Blonay, Roger de, Rue de Larochefoucauld, 23, Paris. *Coleopt.*
Blondeau, Dr., Rue Buffon, 21, Dijon. *Coleopt.*
Boas-Boasson, J., 28, Rue de Lyons, Lyons. *Chem.*
Bobierre, A., Dir. Agric. Station, Rue Voltaire, 12, Nantes. *Bot., Agric.*
Boga, Edmond, 16, Boulevard des Filles-du-Calvaire, Paris.

Boga, Paul, Polytec. Sch., 1, Place du Theâtre-Français, Paris.
Bohn, Prof., Paris.
Boieldieu, Anatole, Rue Censier, 13, Paris.
Boillat, Ch., Bresse. *Geol., Coleopt.*
Bois Désiré, Rue Cuvier, 57, Paris. *Bot.*
Boisduval, Dr. Méd., Ticheville par Vimoutiers (Orne). *Lepid.*
Boisgiraud, Montplaisir, near Mirambeau. *Coleopt.*
Boissais, Trouville. *Coleopt.*
Boissel, Prof. Emile, Lycée de Montluçon (Allier). *Geol., Min., Palæo., Marine Con.* C. of 5,000 specimens. Ex. fossils and minerals of France for the same, or F. W. Shells of other countries.
Boissert, Observatory, Paris. *Ast.*
Bompar, Dr. Felix, Portets, Gironde. *Bot.*
Bompart, Gasselin de Muséum, Rue des Huguenots, 17, Orleans. *Coleopt.*
Bon, Dr. Gustave C. le, Rue Vignon, 29, Paris. *Anth.* C. Ex. for Crania.
Boniface, Ch., Rue d'Esquerchin, 23, Douai. *Coleopt.*
Bonnafont, Dr. T. P., Rue Mogador, 3, Paris. *Otology, Chirurgy.*
Bonnaire, Baron Achille, Rue St. Méry, 114, Fontainebleau. *Coleopt.*
Bonnet, Dr. Edmond, Rue Geoffroy St.-Hilaire, 34, Paris. *Bot.*
Bonneuil, Vicomte Roger de, Rue St.-Guillaume, 31, Paris. *Coleopt.*
Bonvouloir, Vicomte Henri de, Rue de l'Université, 15, Paris. *Coleopt.*
Bony, Vicomte G. de, Rue de Passy, 84, Paris. *Ent., Coleopt.*
Bordère, Instituteur Botaniste Gèdre, Luz-St.-Sauveur, Hautes-Pyrénées. *Bot.* C.
Bordier, Dr., Saillans, près Vif. *Anth.*
Bordier, Henri, Nat. Library, 182, Rue de Rivoli, Paris.
Boreau-Lajanadie, 50, Rue d'Aviau, Bordeaux. *Geol.*
Borelli, Le Vicomte de, Sec. Ambass. to Athens, 41, Rue de l'Université, Paris.
Bornet, Ed., Quai de la Tournelle, 27, Paris. *Bot., Algæ.**
Bort, Léon Teisserene de, Chef. du Service de Meteo. Générale au Bureau Central Météorologique, Rue de Grenelle, 60, Paris.
Bouat, Gustave, 11, Rue Malakoff, Grenoble. *Bot.*
Boubée, l'Abbé, Auch. *Coleopt.*
Boucaud, Adolphe, Voyageur Naturaliste, Officier d'Académie, Chevalier de l'ordre royale de la Conception, 13, Rue Guy de la Brosse, Paris. *Palæo., Ethnog., Ent., Orn., Coleopt.* C. Buy, sell, or exchange.
Bouchard, Prof. Dr., Rue de Rivoli, 174, Paris.*
Bouché, l'Abbé, Curé à St.-Maurice-l'Exil par le Péage (Isère). *Ent.: Coleopt., Lepid.* C.*
Bouchut, Prof. Dr., Rue de la Chaussée d'Antin, Paris.
Boudier, Emil, Place du Marché, Montmorency. *Coleopt.*
Boudin, A., Principal de Collége, Honfleur.
Bouju, Alphonse, Rue de la République, 82, Rouen. *Coleopt*
Bouillaud, Prof. J., Mem. Acad. Sci., 218, Boulevard Saint-Germain, Paris.
Boulard, Rue Mange, 72, Paris. *Ent.*
Boulay, l'Abbé, D.Sc., Prof. à l'Université Catholique, Rue Vauban, 61, Lille (Nord). *Bot.* C. Ex. Mosses and Vegetable Fossils.
Boullet, Eugène, Place Faidherbe, Corbie. *Ent., Lepid.* C. Ex.*
Bouley, Prof. Henry M., Mem. Acad. Sci., 81, Rue des Saints-Pères, Paris. *Pathol.*
Boullu, l'Abbé, Prof., Rue Bourbon, Lyons. *Bot.*
Bourdel, Prof. A., Rue Aiguilleric, 35, Montpellier.

Bourgeois, Jules, Bibliothécaire-adjoint de la Société Ent. de France, 38, Rue de l'Echiquier, Paris. *Ent., Coleopt. of Europe, Foreign Malacondermata.* C. Coleoptera of Europe and Malacondermata of the globe, ex. or buy.*

Bourgougnon, Claudius, Mem. Soc. Bot. de France, Chassignet par Chantelle (Allier). *Bot., Agric.* C. Ex.

Bourguet, Aix (Bouches-du-Rhône).

Bourguignat, René, Rue des Ursulines, St. Germain en Laye (Seine-et-Oise). *Con.*

Bouriez, E., fils, Grande-Place, 6, Tourcoing. *Lepid., Fériculture.*

Bourru, Dr. H., Rue de la Forêt, Rochefort, S. M. *Nat. Sci., Hygiene.*

Boursier, Ch., Rue de la Poissonnerie, 26, Nancy (Meurthe et Moselle). *Lepid., Minerals, Fossils.* C. Lepidoptera and Fossils ex.

Boussingault, Jean B. J. D., Mem. Acad. Sci., Paris.

Bouteiller, Prof. Ed., Provins. *Ent., Coleopt., Bot.*

Bouthery, Dr. Charles Auguste, Langeais. *Coleopt.*

Boutmans, Bot. Gar., Lille. *Bot.*

Boutray, René de, 101, Rue de Bac, Paris. *Geol.*

Bouty, Prof., Lyceum St.-Louis, 133, Boulevard St.-Michel, Paris. *Phys.*

Bouvet, Rue aux Cordiers, 9, Antun, Sâone-et-Loire. *Chem.*

Bouvier, A., Naturalist, Bourg (Ain), (formerly, 55, Quai des Grands Augustins), Paris. *Orn., especially African Mam., Anthropoids, Malacol.* C. 90,000 birds. Ex. and sell.

Bouvier, Paul, Rue du Chevalier Rose, 6, Marseilles. *Conchology.* C. Ex. Offers specimens of France, Mediterranean, New Caledonia, Algiers, and India.*

Bovis, François, Rue Rondelet, 10, Paris. *Ent., Lepid., Coleopt.*

Boyenval, Lyons. *Coleopt.*

Brabant, Edouard, Cambria. *Bot.*

Brame, Prof. Dr. Ch., Tours. *Chem.*

Brandenburg, 1, Rue de la Verrerie, Bordeaux. *Apiculture.*

Branly, Edouard, D.S., M.D., Prof. Phys. l'Institut Catholique de Paris, Avenue de Breteuil, 42, Paris. *Phys.**

Bras, Dr. A., Villefranche der Rouerque (Aveyron). *Bot.*

Brechemin, Louis, Rue du Val-de-Grâce, 18, Paris. *Coleopt.*

Bréguet, Louis F. C., Mem. Acad. Sci., 39, Quai de l'Horloge, Paris.

Breittmayer, Albert, Place de la Préfecture, 8, Marseilles.

Brésillard, André, Place du Collége de France, 9, Paris. *Min., Geol.*

Breton, A. Le, 21, Rue de Buffon. *Cryptogamia.*

Brévière, L., Port Ste. Marie (Lot-et-Garonne). *Con., Bot.*

Briard, Dr. E., 36, Rue des Carmes, Nancy. *Bot.**

Brillouin, Prof. Marcel Faculté des Sciences de Dijon, Nancy. *Phys., Elect.**

Briquel, C., Rue de Viller, 32, Luneville. *Coleopt.*

Brisout de Barneville, Henri, Saint-Germain-en-Laye. *Coleopt.*

Brisout de Barneville, Charles, Rue de Pontoise, 15, Saint-Germain-en-Laye. *Coleopt.*

Brissaud, Prof., Lyceum Charlemagne, Rue Mazarine, 9, Paris.

Brivet, Avenue Pereire, 70, Asnières (Seine).

Brochon, E. Henri, 25, Rue du Temple, Bordeaux. *Geol.*

Brochon, H., Pres. Soc. Linnéenne, Bordeaux. *Bot.*

Brolemann, Pres. Tribunal of Commerce, Quai Tilsitt, 11, Lyons.

Brongniart, Charles, Muséum d' Histoire Naturelle, Rue Guy-de-la-Brosse, 7, Paris. *Zool., Palæo., Bot.* C. Fossils of the Carboniferous, Insects, and Fishes. Ex.

Brown, Robert, 39, Pavé des Chartrons, Bordeaux. *Ent.*

Brown-Séquard, Charles Edouard, M.D., Collége de France, Paris.

Brun, l'Abbé, Grande-Rue, Nogent-sur-Seine. *Coleopt.*
Brun-Buisson, Dr., Rue Sermorens, Voiron (Isère). *Coleopt., Lepid.*
Brunaud, Paul, 3, Rue Saint-Vivien, Saintes. *Bot.*
Brunet, Rue Ste. Savine, Croyes, Aube. *Agric.*
Brunet, Jean-Marie, Cazavet, near Prat. *Coleopt.*
Bucaille, E., Membre des Sociétés Géologiques de Normandie de France, du Nord, etc., Rue St. Vivien, 132, Rouen (Seine-Inférieure). *Geol., Palæo.* C. Fossils of Normandy. Ex. Fossils, Echinoids, Brachiopods.
Bucquoy, Dr. E., 14 Rue Foy, Perpignan. *Con.*
Buffet, Paul, 99, Rue d'Aboukir, Paris. *Ent., Lepid.*
Buquet, Lucien, St.-Placide, 52, Paris. *Coleopt.*
Bureau, Charles Albert, Pharmacien, Administrateur du Musée, Rue St.-Aubert, 7, Arras. *Lepid. of Europe, Sericulture.* C. Ex.
Bureau, Edouard, Quai de Béthune, 34, Paris. *Coleopt., Bot.*
Bureau, Dr. Louis, 15, Rue Gresset, Nantes. *Orn.*
Burle, Gap. *Coleopt., Bot.*
Busch, G., Rue Pierre-Bertrand, 12, Boulogne-sur-Mer. *Coleopt.*
Buysson, V. Henri du, Château du Vernet, Broüt Vernet (Allier). *Ent., Coleopt., Bryol., Bot., Fungi, Graminidæ.* C. Ex. French specimens for American. Desire Entomological correspondents in America and England.
Cabanne, Paul, Géomètre, Aide Naturaliste au Muséum, Bordeaux. *Palæo., Geol., Min., Lithol., Anth., Arch.* C. Ex.*
Cabasse, Bartholomy, Rue d'Aubagne, 22, Marseilles. *Bot., Palm-trees.*
Cadiat, Prof., Rue Meslay, 24, Paris.
Cahon, Dr., Paris.
Cahours, Auguste A. T., Mem. Acad. Sci., Paris. *Chem.*
Caille, A., Bot. Gar., Bordeaux. *Bot.*
Cailletet, Louis, Institute, Châtillon-sur-Seine. *Bot., Min.*
Cailliot, Prof., Rue Monsieur-le-Prince, 48, Paris.
Caillol de Poncy, Prof. O., Rue Clapier, 8, Marseilles.
Caix, De Saint-Aymour, Vicomte Am. De, Château d'Ognon, près Barbery (Oise), and Rue de Milan, 11, Paris.
Caligny, Marquis de, Versailles.
Callay, A., Chesne. *Bot.*
Callot, Ernest, Rue Reaumur, 10, La Rochelle.
Camand, fils, Voûte des Jacobins, Grenoble. *Coleopt.*
Caméré, Vernon (Eure). *Geol.*
Cantagrel, Polytechnic School, Boulevard Malesherbes, 145, Paris.
Capineau, Charles, Beauvais (Oise). *Bot.*
Capus, G., Rue de Buffon, 53, Paris. *Bot.*
Carcanagues, A., Vicdessos, Ariège. *Math.*
Cardon, Ch., Rue du Rempart, 3, Tours. *Coleopt.*
Cardot, Jules, Agriculteur, Stenay, (Meuse). *Bot.* C. Ex. Phanerogams and Musci of France for those of America.
Carles, Dr., Quai des Chartrons, 30, Bordeaux.
Carlet, Dr. Gaston, Prof. à la Faculté des Sciences et à l'Ecole de Médecine, Rue Villars, 3, Grenoble (Isère). *Biol., Zool.**
Carniquet, F., Sec. Soc. d'Etude Sciences Naturelles, Beziers. *Mic.**
Carnot, Prof. Adolphe, Ingénieur en chef des mines, Inspecteur de l'école des Mines, Boulevard St. Michel, 60, Paris. *Agric., Min., Geol., Chem.**
Caron, A. D., Rue Joinville, 22, Havre. *Coleopt.*
Caron, E., Rubempré. *Bot.*
Caron, Victor, St.-Amour (Jura). *Palæo.*
Carpentier, Ernest de, Clos-Barrey, Commune de Dosnon par Orcis-sur-Orbe. *Sylviculture.*

Carpentier, Léon, Secrétaire de la Société Linnéenne du Nord de la France, Rue de la Pâture, 16, Amiens. *Mic., Palæo., Ent., Coleopt. of Somme et Oise, Parasites of Insects.*
Carret, l'Abbé A., Prof. Inst. of Chartreux, Lyons. *Coleopt.*
Carrieu, Prof., Grande-Rue, 5, Montpellier.
Carrière, E. A., Rue de Vincennes, Montreuil-sous-Bois (Seine). *Bot.*
Cartereau, Dr., Bar-sur-Seine. *Coleopt.*
Carthailac, Emile, Dir. de la Revue; Materiaux pour l'histoire primitive de l'homme; Dir. du Laboratoire d'Anth de Toulouse, Rue de la Chaine, 5, Toulouse. *Anth., Arch., Eth., Ethnog.* C. Ex.*
Cassagne, Comte Antoine de, Château de Saint-Jean-de-Libron, près Béziers (Hérault).
Cassien, Place aux Herbes, Grenoble. *Coleopt.*
Castanier, Jacques, Rue Duhamel, Lyons.
Castelnau, Paul, Treas. Soc. Agric., Rue Saint-Guilhem, Montpellier.
Casthelaz, John, Rue Sainte-Croix-de-la-Bretonnerie, Paris. *Chem.*
Castillon, Gérard de, Membre de la Société Entomologique de France et de Suisse, Château de Parron, par Mézin (Lot-et-Garonne). *Coleopt.* C. Ex. Native specimens for European and foreign.
Caton, J., Prof., Rue des Cultivateurs, 7, Pau. *Coleopt.*
Caubet, Prof. Dr., Rue Lapeyrouse, 3, Toulouse.
Cauchois, Prof. Dr., Rue du Contrat-Social, 28, Rouen.
Caulle, Pierre, Rue Berchet, 3, Sedan. *Coleopt.* C. Ex.*
Causse, Louis, Pres. Soc. Agric., Nîmes.
Cauvet, Dr. D., Prof. à la Faculté de Médecine, Rue Franklin, 33, Lyons. *Bot., Nat. Hist.*
Cavaillé, Augustin, Chemin de Madame, Viroflay (Seine et Oise), *Coleopt., Lepid., Myriopods, Reptiles.* C. Ex. Offer Lepidoptera and Coleoptera of Europe for Reptiles and Myriopods.
Cavaillé-Coll., Aristide, Avenue du Maine, 15, Paris. *Phys.**
Cayol, Marius, Rue des Moines, 50, à Batignolles, Paris. *Agric., Coleopt.*
Cazalis de Fondouce, Paul, Rue des Etudes, 18, Montpellier. *Geol., Arch., Anth.* C.
Cazeneuve, Dr., Rue des Ponts-de-Comines, 26, Lille.
Cazeneuve, Prof. Dr. Paul, Avenue du Dovenné, 4, Lyons.
Cercaud, Preparateur à la Faculté, Grenoble. *Min.*
Certes, Adrien, Inspecteur des Finances, Rue Barbet de Jouy, 21, Paris. *Physiol., Infusoria and Protozoa.* C. Ex. Mic. slides a speciality.
Cessac, le Comte Pierre de, Chât. de Mouchetar Guéret (Creuse). *Geol.*
Chabaneix, Jean, Agricultural School, Montpellier.
Chabas, F. C., Châlons-sur-Saône.
Chabaud, J. B., Bot. Gar., Toulon. *Bot.*
Chaboisseau, Abbé, Gières (Isère). *Bot.*
Chaboz, A. F. G., Amance (Haute-Saône). *European Coleopt. and Lepid.*
Chaignon, Vicomte L. de, Cuiseaux. *Geol., Min.*
Chaix, J. St. Etienne, Loire. *Bot.* C. Ex.
Chalande, Henri, Membre de la Soc. d'Histoire Naturelle de Toulouse, Rue des Couteliers, 46, Toulouse. *Bot., Con.* C. Ex. Wishes plants and shells of all countries.
Chalande, Jules, Membre de la Société d'Histoire Naturelle, Rue des Couteliers, 51, Toulouse. *Ent., Coleopt., Reptiles.* C. Ex. Coleoptera of France for those of all countries.
Chalon, V., Beziers. *Bot.*
Chambovet, Rue du Vieux-Montaux, St. Etienne. *Coleopt.*
Champenois, Amédée, Inspecteur des forêts, Uzès (Gard). *Coleopt., Hemipt.* C. Ex.*

Chanay, Pierre, Secrétaire de la Soc. Linnéenne et de la Soc. Botanique de Lyons, Cours d'Herbouville, 12, Lyons. *Bot., Phanerogams, European and Foreign, Ent., Coleopt. and Hemiptera of Europe.* Foreign Lamellicorns and Sternoxes. C. of herbs and insects. Ex. Desires correspondents, especially in Europe and America.

Chancel, Gustave C. B., Montpellier. *Chem.*

Chancourtois, de, Inspecteur général des mines; Prof. à l'Ecole des Mines, Rue de l'Université, 10, Paris. *Geol.*

Chanrion, l'Abbé, Prof. Seminary of L'Argentière, Duerne. *Coleopt.*

Chantard, J., Lille. *Bot.*

Chantreuil, Prof. Dr. Gustave, Rue St.-Florentin, Paris.

Chaper, Maurice, Mineralogical Society, Rue St. Guillaume, 31, Paris. *Geol., Con.*

Chappui, Maurice, Rue Bausset, 14, Vaugirard, Paris. *Coleopt.*

Charbonneau, Rue de la Franchise, 6, Bordeaux. *Ent.*

Charbonneaux, Emil, Rue du Bourg St.-Dennis, 98, Reims (Marne). *Ent.: especially Coleopt.* C. 1,500 species. Ex. Coleoptera of Reims for those of all countries, especially Carabidæ and Longicorns.

Chardon, Gabriel, Bureau of Telegraph, St.-Etienne. *Coleopt.*

Charguerand, A., Jardinier en chef à l'Ecole Vétérinaire, Alfort (Seine). *Bot.* C.

Charpentier, Prof. Dr., Rue Isabey, 4, Nancy.

Charpy, Léon, Membre de la Société, minéralogique de France et de la Société Paléontologique (Suisse), Saint-Amour (Jura). *Min. Geol., Petrology.* C. Ex. Minerals, French and foreign; fossils, tertiary, cretaceous, jurassic, liassic; Rocks.*

Charpy, Victor, Ancien Notaire, Saint-Amour (Jura). *Moll.* C. Ex. L. and F. W. shells of France and foreign.*

Charreyre, Jules, 7, Place de l'Eglise St. Michel, Marseilles. *Bot., Physiol.*

Chastel, l'Abbé, la Seyne, near Toulon. *Coleopt.*

Chatin, Gaspard A., Mem. Acad. Sci., Rue de Rennes, 129, Paris. *Bot.*

Chatin, Prof. Dr. Joannes, Boulevard Sainte-Germain, 128, Paris.

Chaumont, E., 14, Rue Moutyon, au premier. *Geol., Org. Chem., Elect. Photog., Ast.* C. Ex.*

Chauveau, Prof. A., Quai des Brotteaux, 22, Lyons.

Chauvet, Gustave, Notaire, Secrétaire de la Société Archéologique de la Charente, Ruppec (Charente). *Arch.* C. Arch., especially of the valley of the Charente.

Chelot, Rue Pierre Belon, 1, Mans (Sarthe). *Palæo.*

Chérot, A., Polytechnic School, Quai de Billy, 10, Paris.

Chervin, Dr. Arthur, Dir. of the Paris Inst. for the Cure of Stammering, Avenue d'Eylau, 90, Paris.*

Chesnel, Eug., Boulevard Saint-Martin, 21, Paris. *Agric.*

Cheux, Albert, Rue Delaâge, 47, Angers. *Meteo., Ast., Min., Ent.: Lepid., Geol., Palæo.* C. Ex.*

Chevalier, E. l'Abbé, Armency (Haute-Savoie). *Bot., Coleopt.*

Chevalier, Michel, Paris.

Chevillon, Rue Monin, 44, Montigny (Blois). *Lepid.*

Chèvin, Dr. Arthur, Paris.

Chevrier, Cannes. *Bot.*

Chevrolat, Auguste, Rue Fontaine-St.-Georges, 25, Paris. *Coleopt.*

Chineut, Armand Lucien, Officier d'Académie, Rue Lacépède, 34, Paris. *Nat. Hist., Ent.* C. Insects of all kinds, principally Lepidoptera. Ex.

Chiron, du Brossay, Rue Ménage, 19, Angers. *Coleopt.*

Chomienne, Léon, Pharmacien, Cours de l'Intendante, 27, Bordeaux. *Geol.*

Chouillou, Albert, Avenue Riboudet, 69, Rouen. *Agric.*
Chouillou, Edouard, Quai du Havre, 13, Rouen. *Chem.*
Citerne, Clermont-Ferrand. *Bot.*
Claudon, Edouard, Ingénieur, Boulevard St. Germain, 113, Paris. *Chem., Min.**
Clavaud, Armand, Rue Mondenard, 30, Bordeaux. *Bot.*
Clément, A. L., Rue Lacépède, 34, Paris. *Coleopt.*
Clément, Stan., 7, Rue Maison-Carrée, Nîmes. *Con., Orn.*
Clermont De, Boulevard Saint-Michel, 8, Paris. *Chem.*
Clet, Jean, Quai de Brosses, Grenoble. *Coleopt.*
Clin, Dr. Ernest M., Rue Racine, 14, Paris. *Chem.*
Cloez, Prof., Nat. Hist. Muséum, Paris. *Chem.*
Cloizeaux, Prof. Alfred Des, Muséum, Rue Monsieur, 13, Paris. *Min.*
Cloquet, Le Baron Jules, Mem. Acad. Sci., Boulevard Malesherbes, 19, Paris.
Clos, Prof. Dominique, Prof. de Botanique à la Faculté des Sciences, Directeur du Jardin des Plants, Allée des Zephirs, 2, Toulouse. *Bot.* C.
Coche, St. Laurent du Pont (Isère). *Coleopt.*
Colin, Muséum, Arras, *Coleopt.*
Collet, Alfred, Lieutenant de Vaisseau, Répetiteur à l'Ecole Polytechnique, 151, Boulevard Magenta, Paris. *Ast., Geodesy.*
Collignon, Dr. René, Aide-Major de 1ère classe au 1er Bataillon de Chasseurs à Pied, Verdun sur Meuse (Meuse). *Anth., Craniology.* C. Ex. ancient and modern, against American of any kind, or the crania of Oceanica.
Collot, Louis, Prof. Faculté des Sciences, Grenoble. *Geol.**
Colombet, Jean, Rue Monge, 52, Paris. *Ent., esp. Lepidoptera, Coleoptera.*
Colrat, Prof. Dr., Rue Gentil, 19, Lyons.
Combal, Prof. Dr., Montpellier.
Comberousse, Prof. De, Rue Blanche, 45, Paris.
Combes, Dr., Pons. *Geol.*
Combes, Jacques Ludomir, Chevalier de l'Ordre de Charles III., Officier de l'Académie, Château de la Dausse, Monflanquin (Lot-et-Garonne). *Geol., Palæo., Arch.* C. Ex.
Comme, Jean, Rue Belleville, 15, Bordeaux. *Bot.*
Commolet, Prof., Lyceum, Rue Clovis, 47, Reims.
Condamy, Rue des Bazines, 33, Angoulême. *Truffles and Mushrooms.*
Cons, Prof. Henri, Lyceum, Rue des Trésoriers de la Bourse, 7, Montpellier.
Constant, A., Golfe-Juan (Alpes-Maritimes). *European Lepid., spec. Microlepid.**
Contejean, Prof., Poitiers. *Bot., Geol.*
Contes, Baron G., Avenue de l'Alma, 62, Paris. *Coleopt.*
Convert, Prof. F., Rue de Richelieu, 30, Montpellier. *Agric.*
Copin, Léon, Valenciennes. *Chem.*
Coppet, De, Louis C., Ph.D., 4, Boulevard du Bouchage, Nice. *Crystal., Chem., Phys.**
Coquerel, A., Rue du Thym, Impasse Leroy, Caudebec-les-Elbeuf. *Ent., Coleopt., Bot.*
Corbière, Prof. F., Argentan. *Bot.*
Corblet, l'Abbé, Versailles.
Corenwinder, Benj., Rue Solférino, 61, Lille. *Geol.*
Coret, Simon-Paul, Rue Malissier, 7, Puteaux. *Coleopt.*
Cornil, Prof., 183, Boulevard St. Germain, Paris.*
Cornu, Max, Rue des Ecoles, Paris. *Phys., Bot.*
Cosserat, Prof. Léon, Grande-Place, 21, Armentières. *Geol.*
Cosson, Ernest S. C., Mem. Acad. Sci., Rue de la Boëtie, 7, Paris. *Bot.*

Costa de Beauregard, le Comte Paul, Ravaine, near Chambéry. *Coleopt.*
Coste, Dr. Ulysse, Avenue de Toulouse, 3, Montpellier.
Cotard, Charles, Polytechnic School, Rue de l'Echelle, 9, Paris.*
Cotte, Naturaliste, Dourbes, near Digne. *Coleopt.*
Cotteau, Boulevard St. Germain, 17, Paris. *Palæo.* (*Echinodermata*).
Coudère, Prof. à Camonil, près Rodez (Aveyron). *Bot., Coleopt.* C. Ex.
Coudreau, Prof., Rue Hincmar, 35, Reims.
Couette, Maurice, Rue Volney, 2, Angers. *Coleopt.*
Coulbaud, Bellevue (Seine et Oise). *Geol.*
Coulet, Auguste, Dourbes, near Digne. *Coleopt.*
Coulon, Léon, Rue Lombarderie, 36, Dieppe. *Coleopt.*
Coupier, T., Creil (Oise). *Chem.*
Courage, l'Abbé Emile, Rue Casimir-Périer, 15, Paris. *Coleopt.*
Courbet-Poulard, Abbeville.
Courchet, Lucien, Rue du Palais, 5, Montpellier.
Courso, Toulouse. *Ent.*
Courtois, Henri, Château de Muges, par Damazan (Lot-et-Garonne). *Phys.*
Courty, Prof., Montpellier.
Coustou de Coysevox, Gabriel de, Rue Lagarrigue, Montauban. *Agric.*
Coutures, Georges, Rue Palais-de-l'Ombrière, 18, Bordeaux. *Coleopt., Otaphylimidæ, Claricornes.* C. Ex.*
Couturier, Albert, 2, Rue du Calvaire, Sagny-sur-Marne. *Phys., Elect., Chem.*
Coye, Capt. C. H., St.-Paul-de-Fenouillet. *Coleopt.*
Crampon, l'Abbé, Rue Neuve, 26, Amiens.*
Crauzil, Toulouse. *Ent.*
Crié, L., Rennes. *Bot.*
Crocy, W., 3, Rue Bergeret, Bordeaux. *Ent., Coleopt.*
Crosnier, Julien, Rue d'Illiers, 54, Orléans. *Con.*
Crosse, Hippolyte, Directeur du Journal de Conchyliologie, Rue Tronchet, 25, Paris. *Con., Palæo.* C.*
Crouzil, Dr., de l'Ecole de la Dalbade, Toulouse. *Coleopt., Moll.*
Crozel, Georges, Place de l'Hôtel de Ville, Vienne (Isère). *Geol., Palæo., Con.* C. Ex. L. and F. W. shells of France in ex. for foreign shells and fossils.
Cuisance, Rue des Godrons, 34, Dijon. *Coleopt.*
Cuisin, Charles, Avenue d'Orleans, 20, Paris. *Nat. Hist.*
Cuisine, Henry de la, Rue d'Assas, Dijon. *Lepid., spec. Morpho. and Urania.*
Cuny, Gerardmer. *Coleopt.*
Curie, Jacques, Rue de la Visitation, 2, Paris. *Chem.*
Cusin, Prof. Instit. Agric. of Rhône, Ecully, near Lyons. *Bot.*
Daffry de la Monncye, Adalbert, Rue de la Barouillère, 9, Paris. *Ent.: Coleopt., Dipt.**
Dagrève, E., Tournon (Ardèche).
Daguin, Rue Castellane, 4, Paris.
Daleau, François, Bourg-sur-Gironde. *Anth., Arch., Eth., Palæo.* C. Nearly 30,000 specimens. Ex. L. and F. W. shells of France and New Caledonia for specimens of Archæology and Ethnography.
Damartin, M. E., Mus. Nat. History, Lyons.
Damour, Augustin A., Mem. Acad. Sci., Rue Vignon, 10, Paris.*
Darasse, Léon, Rue Simon-Lefranc, 21, Paris. *Chem.*
Darboux, Prof. G., Rue Gay-Lussac, 36, Paris.
Dareste, Camille, M.D., D.Sc., Dir. Lab. de Tératologie, à l'Ecole pratique des hautes études, Paris. *Teratology.*
Darlu, Prof., Lyceum, Bordeaux. *Phil.*

Darragon, Pharmacien, Voiron. *Bot.*
Darves, Antoine, Rue des Ecoles, St. Jean de Maurienne (Savoie). *Coleopt.*
Dat, Charles, Quai des Violettes, 4, Amboise. *Coleopt.*
Daubree, Gabriel A., Boulevard Saint-Michel, 62, Mem. Acad. Sci., Paris. *Min., Geol.*
Daudet, Henri, Rue de Magenta, 5, Asnières (Seine). *Lepid.*
Dauphin, Albert, Passage de la Comédie, 1, Amiens.
Daurel, J., Allées de Tourney, 25, Bordeaux. *Bot.*
Daussy, Rue des Ecoles-Chretiennes, 3, Amiens.
Dautzenberg, Philippe, Rue de l'Université, 213, Paris. *Con.* Desires exchanges.*
Davaine, Dr. Casimir, Rue Laffitte, 3, Paris. *Coleopt.*
David, Dr., Rue Amelot, Rochelle. *Bot.*
David, l'Abbé Armand, Ancien Missionnaire en Chine, Rue de Sèvres, 95, Paris. *Orn., Coleopt., Lepid.* C. Ex. Offers Coleoptera and birds of China.
Davrellon, Emile, Hyères. *Bot.*
Davy, Marie, Montsonis, Paris. *Meteo., Ast.*
Dax, Georges, Elève à l'Ecole des Mines de St. Etienne (Loire), Saint Laurent d'Aigouze, Nimes (Gard).
Debat, Louis, Mem. Soc. Botanique de Lyon, Place Perrache, 7, Lyons. *Crypt. Bot., Mosses of France, Mic.* C. Ex.*
Decaux, Rue du Marche, 8, Neuilly. *Coleopt.*
Decès, Prof. Dr., Rue du Bourg-Saint-Denis, 74, Reims.
Dechambre, Dr., Rue de Lille, 91, Paris.
Decharme, D. S., Prof. de Physique de l'Univ. (en retraite), Officier de l'Instruction Publique, Rue Laurendeau, 80, Amiens. *Phys.**
Decœne-Racouchot, Alfred, Antoines (Luzy). *Coleopt.*
Decrand, Dr. J., Cours Lavieuville, 17, Moulins-sur-Allier.
Defargues, Capt., Boulevard des Iles-d'Or, 2, Hyères. *Coleopt.*
Defaud, Gabriel, Clermond-Ferrand. *Coleopt.*
Defodon, Boulevard Saint-Germain, 79, Paris.
Defrançois, Prof., Rue du Barbâtre, 2, Reims.
Degrange-Touzin, A., Rue de Temple, 24, Bis., Bordeaux. *Geol., Min.* C. Miocene fossils in ex. for fossils and minerals.
Dehérain, P. P., Prof. au Muséum d'Histoire Naturelle, Rue d'Argenson, 1, Paris. *Vegetable Physiol., Agric.* C. Ex.
Dehlinger, J., Rue de Lévis, 76, Paris. *Ent., Coleopt., Bot.*
Dejardin, Octave, Paris. *Agric.*
Delaby, Edmond, Rue Neuve, 10, Amiens. *Coleopt.*
Deladerrière, Emile, Avocat, Rue Capron, 8, Valenciennes (Nord). *Zool., Ent., Palæo., and Botany of France.* C. Vert., Invert. (Insects, Mollusks, etc.), Plants and Fossils of France. Ex.*
Delagrange, Charles, Imprimeur, Besançon (Doube). *Ent., Coleopt., Lepid.* C. Ex.
Delahaye, Jules, Rue Brezin, 15, Montrouge, Paris. *Coleopt.*
Delahaye, Victor, Rue de la Republique, 84, Rouen.
Delalande, H., Rue St.-Georges, 34, Rennes. *Coleopt.*
Delamain, Henri, Jarnac. *Ent., Coleopt., Lepid.*
De Laplanche, Maurice, Château Leplanche, par Luzy, Nièvre. *Ent., Coleopt.* C. Ex.*
Delavaud, Rue des Fonderies, Rochefort, S. M. *Chem.*
Delavoie, Grande Rue du Faubourg, 35, Rochefort. *Lepid.*
Delarue, Pierre, Rue d'Auteuil, 6, Paris. *Coleopt.*
Delattre, Edmond, Boulevard du Prince-Eugène, 63, Paris. *Coleopt.*
Delauney, Félix-Julien, Cherbourg. *Coleopt.*
Deleplanque, Dir. Nat. Hist. Mus., Douai. *Geol.*

Deleveau, Prof. Paul, Lyceum, Orleans. *Chem.*
Delfortrie, Rue de Pessac, 66, Bordeaux. *Palæo.*
Delherm de Larcenne, Prof. d'Histoire Naturelle, Gimont (Gers). *Coleopt., Hymenop., Bot.* C. Ex.
Delisle, Léopold V., Dir. Nat. Library, Paris.
Delmas, Jacques, Agrégé de l'Université, Prof. au Lycée de Marseille, Rue Abbé de l'Epée, 5, Marseilles.
Delore, Prof. Dr., Place Bellecour, 31, Lyons.
Delort, Prof., Saint-Fleur, Cantal.
Deloynes, Paul, Rue de la Course, 113, Bordeaux. *Bot.*
Délugin, Pharmacien, Rue Denis Papin, 33, Blois (Loire-et-Cher). *Coleopt.* C. Ex.
Demaison, Charles, Ingénieur Civil, Rue Rogier, 9, Reims. *Ent., Coleopt.* C. Ex. Coleoptera of France, Algiers, Egypt, and Syria.
Demaison, Louis, Archiviste Paléographe, Rue Rogier, 9, Reims. *Ent., Lepid.* C. Ex.
Demarque, Firmin, Cubzac-d'Aude. *Coleopt.*
Demenge, Raon-l'Etape. *Coleopt.*
Denans, Albert, Rue Château Redou, 29, Marseilles. *Moll.* C. Ex.*
Denis, Fernand, Rue Mautrec, 1, Bordeaux. *Bot.*
Denis, Th., Bot. Gar., Lyons. *Bot.*
Depéret, Dr., Grenoble. *Con.*
Deprez, Marcel, Rue Champollion, 15, Paris. *Phys.*
Depuiset, Alphonse, Naturalist, Rue des Saints-Pères, 17, Paris. *Lepid.*
Derbès, Prof., Rue Reynard, 35, Marseilles. *Bot.*
Derenbourg, Prof. Hartwig, Boulevard Saint-Michel, 39, Paris. *Palæo.*
Dermigny, C., Péronne. *Coleopt.*
Dert, L., Rue de l'Eglise St.-Seurin, 16, Bordeaux. *Coleopt.*
Deruelle, J., Rue de Vaugirard, 199, Paris. *Bot.*
Desage, Ferdinand, Rue Saint-Fort, 20, Bordeaux. *Bot.*
Desains, Quentin P., Mem. Acad. Sci., Paris. *Phys.*
Derboves, Rue Bellevue, 38, Amiens.
Desbrières, Rue de Provence, 56, Paris.
Desbrochers des Loges, Jules, Ardentes near Châteroux (Indre). *Descriptive Entomology, Coleoptera of the ancient world, N. of Africa, especially Curculionidæ, Brenthidæ, Anthicidæ, Scolytidæ, Cetoricidæ, Dynastidæ of the Globe.* C. Wishes European Coleoptera, especially Curculionidæ, Brenthidæ and Cetoricidæ, and offers in exchange European and Mediterranean Insects.
Deschamps, E., Rue Jean-Cousin, 3, Sens. *Coleopt.*
Deschamps, F., Rue St.-Mathieu, Rouen. *Coleopt.*
Deschange, Emile, Longuyon (Meurthe-Moselle). *Lepid., Sericulture.* Sell, buy or ex. Lepidoptera, Cocoons, Caterpillars, and Eggs of all countries.*
Des Gozis, Maurice, Place de l'Hôtel-de-Ville, Montluçon (winter in Paris). *Coleopt.*
Deslongchamps, Prof. M. E., Caen (Calvados). *Bot., Coleopt.*
Desmarest Eugène, Aide Naturaliste, Muséum, Rue Cuvier, 57, Paris. *Coleopt.*
Des Mesnards, Dr., Rue Saint-Vivien, Saintes. *Medicine, Nat. Sci.*
Designolle, Paul, Rue du Bac, 40, Paris. *Orn., Lepid., Coleopt.* C. Ex.*
Desoudin, J., Sisteron. *Coleopt.*
Despeyrons, Prof., Toulouse. *Mathematics.*
Despierres, Luxeuil (Haute-Saône). *Palæo.* C.
Dessaignes, Victor, Vendôme. *Chem.*
Destermes, Prof., Collége, Figeac. *Coleopt.*

Destreez, Rue St.-Ferdinand, 22, Paris. *Coleopt.*
Detaille, C., Cour de Rohan, Paris. *Ast.*
Detalle, P., Senonches. *Coleopt.*
Détroyat, Arnaud, Membre de la Société Géologique de France, Bayonne. *Archæology* (local). C.
Devaulx de Chambord, R., Rue du Cerf-Volant, 5, Moulins. *Coleopt.*
Devouzy, Emile Désiré, Vervins. *Coleopt.*
Deyrolle, Emile, Naturalist, Rue de la Monnaie, 23, or Quai d'Orleans, 38, Paris. *Zool., Geol., Bot.* C. of Coleoptera, Conchology, Lepidoptera, Mammals, Birds, Reptiles, Fishes, Osteology *
Deyrolle, Henri, Rue du Faubourg-Saint-Honoré, 248, Paris. *Ent., Coleopt.*
Dezanneau, Dr. Alfred, Prof. School Med., Angers. *Bot.*
Didier, Gerardmer (Vosges). *Ent., Bot.* C.
Dieulafoy, Prof. Dr. Georges, Rue Caumartin, 16, Paris.
Dillon, Charles Auguste, Tonnerre. *Coleopt.*
Dognin, Paul, Villa de la Réunion, 16, Auteuil, Paris. *Lepid.**
Doin, Octave, Place de l'Odéon, 8, Paris.
Dollé, Maurice, Rue Chenizelles, 2, Laon. *Coleopt.*
Dollfus, Adrien, Rue Pierre-Charron, 35, Paris. *Bot.**
Dollfus, Gustave, Rue de Chabrol, 45, Paris. *Geol., Palæo., Con.*
Dollfus, René, Rue Spontini, 1, Paris. *Coleopt.*
Domergue, François, Rue de la Loge, 5, Montpellier.
Donnadieu, Prof. A. L., D. S., Lyons. *Zool.**
Dor, D. Henri, Prof. honoraire de l'Université de Berne (Suisse), Quai de la Charité, 2, Lyons. *Ophthalmology, Entomology.* C. Coleopt. of Europe.
Dord, Lieut. Emmanuel, Toulon. *Photog., Gen. Ent., Moll.* C. Ex.*
Dorey, Paul, Sables-d'Olonne. *Coleopt.*
Dorr, Lieut., Toulon. *Con.*
Douat, Muséum, Lyons. *Zool.*
Douin, Louis, Normal School, Draguignan. *Coleopt.*
Doumerc, Jean, Rue Corail, 1, Montauban. *Geol.*
Doumerc, Paul, Montauban. *Geol.*
Doumet, Cette. *Con.*
Dourif, Prof., Clermont-Ferrand.
Dourmet-Adanson, Nap., Pres. Hort. Soc., Cette. *Bot.*
Douvillé, Henri, Ingénieur des Mines, Prof. de Paléontologie à l'Ecole des Mines, Boulevard St.-Germain, 207, Paris. *Palæo., Geol.*
Doze, Raymond, Rue Bonneau, 15, Montpellier. *Coleopt.*
Dreux, Victor, Vaugirard (Paris). *Coleopt.*
Drevault, L., Rue de l'Arbalète, Paris. *Bot.*
Droguet, M. A., fils, Lambelle (Côte du Nord). *Ent.*
Dromineau, Dr., Rue des Augustins, Rochelle. *Hygiene.*
Drouaux, G., Rue Séry, Havre. *Geol.*
Drouet, H., Charleville.
Drouin, A., Rue Beaubourg, 33, Paris.
Druilhet-Lafargue, Boulevard de Canderán, 173, Bordeaux. *Horticulture.*
Dubalen, P. E., Pharmacien, St.-Sever (Loudes) *Bot., Orn., Arch., Geol., Malacology, Parasites.* C. Ex. L. and F. W. Mollusks. Fossil Mollusks of the Tertiary of the basin of the Adour.
Dubin, J., Prof., Auch. *Coleopt.*
DuBois, Rue Madeleine, Blois (Loire-et-Cher) *Bot., Bryology.*
Dubois, Albert, Rue Richaud, 14, Versailles. *Ent.. Coleopt.**
Dubois, Dr. d'Amiens F., Paris. *Bot.*
Dubois, Prof. Edmond, Rue Cozette, 29, Amiens. *Phys., Nat. Hist.**
Dubois, Gustave, Rue Neuve, 10, Amiens.

Dubois, Michel, Rue Pierre l'Hermite, 24, Amiens. *Ent.*, *Coleopt.*, *Hemipt.*
Dubreuil, E., Montpellier. *Bot.*
Dubreuilh, William, Lormont. *Bot.*
Du Buysson, H., Château du Vernet, in Bron-Vernet. *Coleopt.*
Duchaine, Rue de Paris, 149, Clamart. *Coleopt.*
Duchamp, fils, St.-Genis-Lavas. *Bot.*
Ducharte, P., Mem. Acad. Sci., Rue de Grenelle, 84, Paris. *Bot.*
Duclaux, Prof. Emile, Rue Malebranche, 15, Paris. *Agric.*
Ducoudré, Académie, Rue du Lycée, 14, Chambéry. *Coleopt.*
Duderstadt, Wiesbaden. *Min.*
Dufet, Henri, Prof. Lyceum Saint-Louis, Carrefour de l'Observatoire, 13, Paris.
Dufour, Voiron (Isère). *Bot.*
Dufour, Edouard, Rue de l'Héronnière, 6, Nantes. *Bot.*
Dufour, Dr. Gustave, Boulevard Latour-Maubourg, 49, Paris. *Coleopt.*
Dufresne, Prof. Univ., Rue Pierre-Charron, 73, Paris.
Dugas, Albert, St.-Maurice-d'Exil, near Vienne. *Coleopt.*
Dugnet, Prof. Dr., Boulevard St. Germain, 176, Paris.
Dujardin-Beaumetz, Dr., Rue de Rennes, 66, Paris.*
Dulignon-Desgranges, Rue de Cheverus, 30, Bordeaux. *Anthropology.*
Dumas, Jean Baptiste, Sec. Acad. Sci., Rue Saint-Dominique-Saint-Germain, 3, Paris.
Dumas, Dr. Léon, Plan du Palais, Montpellier.
Dumesnil, H., Rue du Faubourg du Temple, 59, Paris. *Coleopt.*, *Ent.*, *Lepid.*
Dumesnil, Rue Bernardin-de-St.-Pierre, 19, Havre. *Coleopt.*
Dumoncel (le Comte T. A. L.), Mem. Acad. Sci., Paris, Lébisey, près Caen. *Elect.**
Duneau, Ed., Orléans. *Bot.*
Duparc, Georges, Quai du Louvre, 30, Paris. *Coleopt.*
Dupart (Abbé), Prof. Petit Séminaire de St. Méen (Ille-et-Vilaine). *Con.*
Duplay, Prof., Rue Neuve-des-Mathurins, 3, Paris.
Duponchelle, Prof. d'Histoire Naturelle au Lyceum, Rue Auber, 41, Lille. *Zool.*
Dupont, Edouard, Boulevard de l'Est, 17, Amiens.
Dupont, Louis, Rue des Bernardins, 36, Paris. *Ent.*, *principally Lepid.* C. Ex. especially with Naturalists of America. Wishes Lepidoptera of N. America in ex. for Insects of Europe, especially Coleoptera and Papilio.
Dupoy, Prof., Bats (Landes). *Bot.*
Dupré, Anatole, Rue d'Ulm, 25, Paris.
Dupré, Dr. G., Rue Sainte Foy, 1, Montpellier.
Dupuy, l'Abbé Dominique, Lectoure (Gers). *Con.: living L., F. W. and Sea shells.* C. Ex.*
Dupuy, G., Angoulême. *Ent.: Lepid.*
Dupuy, Léon, Prof. Lyceum, Rue Vital-Carles, 13, Bordeaux.
Dupuy, Prof. Dr. Paul, Chemin d'Eysines, 78, Bordeaux.
Dupuy de Lôme, S. C. H. L., Mem. Acad. Sci., Rue Saint-Honoré, 374, Paris. *Geog. and Navigation.*
Duqué, J., Rue Guileraud Moissac (Tarne-et-Garonne). *Arch.*, *Bibliog.*
Duquesne, A., Pont Audemet (Eure). *Bot.*, *Zool.*, *Orn.* C. Ex.
Durand, Albert, Rue de Limoges, 3, Versailles. *Coleopt.**
Durand, Prof. Edouard, Rue d'Assas, 40, Paris. *Geog.*
Durand, Prof. Eugène, Montpellier. *Agric.*
Durand, Joseph, Domaine d'Arsac, near Rodez (Aveyron).
Duranty, Prof. Nicholas, Rue Montaux, 4, Marseilles.

Dureau, Alexis, Rue des Saints Pères, 49, Paris. *Medicine, Teratol., Anth.**
Durie de Maisonneuve, E., Rue David-Johnston, 39, Bordeaux.*
Durif, Dr. X., Rue de l'Hôtel-Dieu, 28, Clermont-Ferrand.
Duroyer, Rue Mazagran, 14, Amiens.
Du Souich, Rue Féron, 4, Paris. *Geol.*
Dutailly, Prof. G., Lyons. *Bot.*
Dutertre, Emile, Boulevard Montparnasse, 88, Paris. *Geol.*
Dutreux-Pescatore, Aug., Château de la Celle-St.-Cloud, near Bougival (Seine-et-Oise). *European Lepid.*
Duval, Antonin Gaulmier, Manufacturier, Chevalier de la Légion d'Honneur, Rue Pints-Gaillot, 31, Lyons, *Agric.*
Duval-Jouve, J., Rue Auguste-Broussonnet, I, Montpellier. *Bot.*
Duverger, Joseph-Alexandre, Dax. *Coleopt.*
Duvergier, Rue Saint-Cyr, 35, Lyons.
Duvivier, Sec. Hort. Soc., Rue de Grenelle, 84, Paris. *Bot.*
Ebrard, Sylvain, Firminy. *Ent.: Lepid.*
Ecorchard, Dr., Nantes. *Bot.*
Edwards, Alphonse M., Mem. Acad. Sci., Paris. *Anat., Zool.*
Edwards, Henry M., Mem. Acad. Sci., Paris. *Anat., Zool.*
Egger, C., Rue de Madame, 68, Paris.
Eichthal, d', Rue Neuve-des-Mathurins, 42, Paris.
Elphège, Prof. Seminary, Sainte-Anne-d'Auray. *Coleopt.*
Emery, Prof. H., Rue Verrerie, 32, Dijon. *Bot.*
Engel, Prof. Dr. Rodolphe, Montpellier.
Eprémesnil, Le Comte d', Rue de Lille, 19, Paris. *Bot.*
Ervert, Dr. Jacquet, Cours Lafayette, 3, Lyons. *Ent.* C. Ex. Wishes Coleoptera of Europe and the Hemispheres.
Estor, Prof. Dr., Montpellier. *Anat., Pathol., Histol.*
Eudes-Deslongchamps, Eugène, Prof. Faculté des Sciences, Rue de Geole, 28, Caen. *Palæo., Geol., Zool., Anat., Eth., Ethnog., Vert., Mam., Orn., Ool., Herpetol., Ichth., Crustacea, Moll., Radiates, Sponges.* C. Ex. Will ex. circulars of Museum of Caen for publications of other Scientific Soc.*
Euthymer, Le Frère, Inst. des Petits-Frères de Marie, St. Genis-Laval près Lyons. *Coleopt., Min., Geol., Arch., Con.*
Fabre, Sous-inspecteur des fôrêts, Alais (Gard). *Geol., Palæo.*
Fabre, J. H., Prof. Lycée, Orange. *Coleopt.*
Faguet, L. Auguste, Avenue des Gobelins, 26, Paris. *Bot.*
Fairmaire, Léon, Rue du Bac, 94, Paris. *Coleopt., Hymenop., Hemipt. of Europe.* C. Ex.*
Fallou, Julien, Rue des Poitevins, 11, Paris. *Coleopt., Lepid., Hymenop.*
Fallou, René, Rue des Poitevins, 10. *Coleopt., Lepid.*
Falsan, Albert, Officier de l'Instruction publique, Saint-Cyr-au-Mont-d'Or (Rhône). *Geol., Min., Photog.* C.*
Farines, Rivesaltes (Pyrénées Orientales). *Con.*
Farjasse, Maurice, Rue Deufert-Rochereau, 39, Paris. *Con., Geol.*
Faucon, Dr., Lille.
Fauconnet, Mary-Louise, Autun.. *Coleopt., spec. Longicornes of the World.* C. Offers Coleopt. of Europe for Longicornes from all countries.*
Faugé, A., Rue Malher, 20, Paris.
Faulconnier, Eugène, Avenue d'Orleans, 39, Montrouge, Paris. *Neuroptera.*
Faure, Rue Sainte-Claire, 35, Clermont-Ferrand.
Faure, H., Mem. A.R.S., Rue de l'Oiseau, Monlins-sur-Allier. *Ent.: Coleopt., Bot.* C. Ex. Coleopt. of New World desired for those of Central France.*

Faure, l'Abbé P., Supérieur du Petit Séminaire du Rondeau, Grenoble. *Bot.* C. Ex. 3,100 specimens of the Société Dauphinois for other specimens and publications.
Fauvel, Albert, Rue d'Ange, 16, Caen. *Coleopt.* C. of Staphylinidæ of the United States. Ex. for the Coleoptera of America.
Fauvelle, Dr., Rue de Medicis, 11, Paris.
Favarcq, L., Rue du Vernay, 48, St.-Etienne. *Coleopt.*
Favé, Idelphonse, Mem. Acad. Sci., Paris.
Favier, Prof., Rue de la Juiverie, 16, Etampes.
Favreuil, de, Rue du Molinel, 25, Lille. *Geom.*
Faye, Hervé, A.E.A. Mem. Acad. Sci., Paris. *Ast.*
Fée, Prof. Dr. Félix, Place de la Bourse, 19, Toulouse.
Félissis-Rollin, Jules, Rue de Rennes, 72, Paris. *Coleopt.*
Fellot, Louis, Château de Pierrefilant Rivolet, near Villefranche (Rhône). *Mam., Orn.* C. Ex.
Féminier, Gabriel, Alais. *Bot., Lithol.*
Ferlay, Marius, Grand Serre (Drôme). *Bot.*
Fermond, Ch., Rue Pasquier, 28, Paris. *Bot.*
Fernique, l'Abbé, Rue de Vaucanson, 4, Paris. *Coleopt., Mic.*
Ferrouillat, Rue d'Egypte, 1, Lyons.
Feuilleaubois, M., Chaxilly-en-Bière (Seine-et-Marne). *Fungi.* C. Ex.*
Ficheur, Prof. E., Beauvais. *Math.*
Fière, Paul, Mem. Correspondant de la Ste. Fse. de Numismatique et d'Arch. de l'Assoc. Fse. pour l'Avancement des Sciences, de la Soc. d'Anth. de Paris, de l'Academie Delphinale, Voiron (Isère). *Palæo., Anth., Arch.* C.*
Figuier, Prof. Dr., Bordeaux.
Filhol, Prof. H., Boulevard St. Germain, 90, Paris. *Palæo.*
Filleau, Prof. Dr. A., Place de la République, 1, Paris.
Fines, E., Dir. de l'Observatoire, Perpignan, Pyrénées-Orientales. *Meteo.*
Finot, Adrien, Capitaine d'Etat, Major en retraite, Rue St. Honoré, 27, Fontainebleau (Seine-et-Marne). *Ent., esp. Orthopt.* C. Ex. and buy. Offers Orthoptera of France and Algeria, and desires to buy or ex. Orthoptera of the whole world.*
Finot, Etienne, Clermont-Ferrand. *Chem.*
Fischer, Dr. Paul, Museum of Nat. Hist., Jardin des Plantes, Paris.
Fizeau, Armand H. L., Mem. Acad. Sci., Rue de la Vieille-Estrapade, 3, Paris. *Physics.*
Flahault, Charles, Prof. de Botanique à la Faculté des Sciences, Montpellier. *Crypt. Bot., Vegetable Anat., Physiol.**
Flahault, Evariste, Ingénieur, 7, Route du Montferrand, Clermont-Ferrand (Puy de Dôme). *Geol., Palæo.* C. Rocks and fossils. Ex. Offers eruptive and volcanic rocks of Auvergne, fossils and rocks of France and Belgium, and wishes tertiary fossils and rocks of other basins, vegetable fossils of all the formations.
Flammarion, Camille, Avenue de l'Observatoire, 36, Paris. *Ast.*
Fleury, O., Douai.
Fleutiaux, Rue Malus, 1, Paris. *Ent.*
Fliche, Prof. à l'Ecole Forestière, 9, Rue St. Dizier, Nancy. *Bot.*
Floccard, Rue du Plat, 1, Paris. *Bot.*
Flourens, G., Haubourdin, near Lille. *Chem.*
Fluchaire, Rue des Vieux-Jésuites, Grenoble. *Coleopt.*
Foex, Prof. Gustave, Faubourg Saint-Jacques, 29, Montpellier. *Agric.*
Folin, Marquis Leopold de, Directeur des "Fonds de la Mer," Membre de plusieurs Académies et Sociétés Savantes, Rue d'Espagne, 18, Biarritz. *Mollusks, Rhizopods.* C. Ex. publications with other scientists.
Folus, Marquis de, Biarritz. *Arch.*

Fontaine, Arnaud Louis, Broglie (Eure). *Bot., Mosses, Lichens, Algæ.* C. Ex.*
Fontaine, Hippolyte, Rue Drouot, 15, Paris. *Phys.*
Fontan, Alfred, Castres, Tarn. *Min., Geol., Con.*
Fontanes, F., Rue de la Republique, 4, Lyons. *Geol.*
Fontannes, F., Attaché au Service de la Carte Géologique de France, Officier d'Académie, 4, Rue de la République, Lyons. *Geol., Invert. Palæo.**
Forceville, Gédéon de, Rue Lamarck, 35, Amiens.
Foucart, Alfred, Naturalist, Rue Blancs-Mouchons, 45, Douai. *European Lepid., Micro.-Lepid.* C. Ex.*
Foucaud, Mem. de la Soc. Botanique de France-Breuil, Magné, par Rochefort (Charente-Inférieure). *Bot.*
Foulquier, G., Boulevard Petit-Cours, Nîmes. *Coleopt.*
Foulquier, G. A., Rue St.-Sépulcre, 1, Marseilles. *Coleopt.*
Fouqué, Prof. au Collége de France, Rue Humboldt, 23, Paris. *Geol., Pedrog., Min.*
Foureau, Fernand, Fredière-Saint-Barbaût, near Mézières (Haute-Vienne). *Geol.*
Fournereau, Prof. l'Abbé, Lyons.
Fournier, Prof. Dr. A., Rue Volney, 1, Paris.
Fournier, Albert, Rue Bazoges, Rochelle. *Mechanics.*
Fournier, l'Abbé, Draguignan. *Coleopt.*
Fournier, Daniel, Lyceum, Poitiers. *Coleopt.*
Fournier, Dr. Eugène, 10 Rue St. Augustin. *Bot., Ferns.*
Fournier, Felix, Rue de l'Université, 119, Paris.
Foussereau, Prof. Lyceum, Rue du Petit-Roland, 25, Reims.
Frachon, l'Abbé, Annonay. *Coleopt.*
Fraissinet, Sec. Obs., Paris.
Francezon, Paul, Alais (Gard). *Chem.*
Franchet, A., Château de Cheverny, Cour-Cheverny. *Bot.*
Franck, Dr. F., Prof Coll. of France, Rue des Feuillantines, 64, Paris.
François, fils. (Ph.), Château de la Vienne, near Grande-Pressigny. *Coleopt.*
Francq, Léon, Officier d Académie, Laureat de la Société d'Encouragement, 54 Rue de Chateaudun, Paris. *Physics and Mechanics.*
Frauciel, Edmond, Cours d'Alsace-et-Loraine, 105, Bordeaux. *Bot.*
Fray, J. P., Aumônier à l'Ecole Normale, Bourg (Ain). *Bot.* C. Ex.
Fredet, Prof. Dr, Clermont-Ferrand.
Fréminville, Paul de, Château de, l'Aumusse, Pont-de-Veyle (Ain). *Ent, Min., Con.* C. Ex.
Fremy, Edmond, Mem. Acad. Sci., Dir. Mus., Rue Cuvier, 33, Paris. *Chem.*
Frère, Louis, Rue de l'Ange, Perpignan. *Coleopt.*
Fresquet, Prof. Edouard de, Cluny (Saône-et-Loire).
Fridrici, Edmond, Berneuil, Guise-la-Motte. *Coleopt.*
Friedel, Charles, Mem. Acad. Sci, Rue Michelet, 9, Paris. *Phys., Chem.*
Fromentel, Dr. de Gray (Haute-Saône). *Palæo., Mic.**
Frontin, A., Quai de la Grande-Chaussée, 63, Rouen. *Coleopt.*
Frossard, Rue de Boulogne, 14, Paris. *Coleopt.*
Frossard, le Pasteur, Rue de la Verrerie, 11, Bordeaux. *Bot., Min.*
Fübrel, Capitaine d'Artillerie, au Pont-de-Mielin, par Servance (Haute-Saône). *Min., Petrology.*
Fuchs, Ingénieur en chef des Mines, Prof. à l'Ecole des Mines, 9, Rue des Beaux Arts, Paris. *Geol.*
Fumouze, Dr., Rue du Faubourg-St.-Denis, 78, Paris. *Coleopt.*
Fustel, de Coulanges, Dir. Normal School, Paris.
Fuzier-Herman, Château de la Houssière, in Ligueil. *Coleopt.*

Gabillot, Joseph, Quai des Célestins, 5, Lyons. *Coleopt.*
Gaborit, Adrien, Pharmacien, Place du Marché-Neuf, 2 Angoulême (Charentes). *Lepid.* C. Ex.
Gaché, Dr., Quai de Brosses, Grenoble. *Coleopt.*
Gadeau de Kerville, Henri, Rue Dupont, 7, Rouen. *Ent.: Neuropt., Orthopt., Myrio., Coleopt., Colcinellidæ.**
Gadin, l'Abbé, Angers. *Bot.* C.
Gage, Dr. Léon, Rue de Grenelle-St.-Germain, 9, Paris. *Coleopt.*
Gahineau, Ernest, Rue Garibaldi, 176 Sotteville-les-Rouen (Seine-Inférieure). *Bot., Geol., Min.**
Gaillard, Henri, Rue du Cherche-Midi, 34, Paris. *Coleopt.*
Gainet, Abbé, Traves (Haute-Saône). *Geol.* C.
Galipe, Dr., Rue Sainte-Anne, 48, Paris. *Nat. Hist.*
Gallé, C., Sec. Hort. Soc., Avenue de la Garenne, 2, Nancy. *Bot.*
Gallé, Emile, Sec.-de la Commission de Surveillance du Jardin Botanique, Sec. Gén. de la Société Centrale d'Horticulture, 2, Avenue de la Garenne, Nancy. *Bot.* C. Ex. Wishes specimens of the living plants of the United States and Canada, indicating the names and localities of varieties offered.*
Gallé, Ernest, Cour du Château, 12, Creil. *Con., Ent., Coleopt.*
Gallois, Dr. Edouard, La Verpillière (Isère).
Gallois, Dr. Ernest, Place de l'Etoile, 2, Grenoble (Isère). *Fungi.*
Gallois, Joseph, Rue de Bellay, 92, Angers (Marne-et-Loire). *Palæo. Ent., Coleopt.* C. Ex. especially Silurian and Devonian fossils.*
Gallois, Marc, La Verpillière (Isère). *Bot.*
Gallot, Prin. du Coll. de Charmes (Vosges). *Con.*
Gambey, Avenue Casimir, 10, Asnières (Seine). *Coleopt.* C. European and Caledonian. Ex.*
Gand, Prof., Rue du Bastion, Amiens.
Gandillot, Arthur, Rue Clausel, 22, Paris. *Coleopt.*
Gandolphe, Paul, Rue Laffitte, 17, Paris. *Coleopt.*
Garat, J., Place Fondaudège, 7, Bordeaux. *Bot.*
Garden, Museum, Rue de la Loire, 53, St.-Etienne. *Coleopt.*
Gariel, Charles M., Prof. à l'Ecole de Médecine, Rue Jouffroy, 39, Paris. *Phys., Elect.**
Gariel, Menton. *Coleopt.*
Garin, E., Quai Saint-Clair, Irigny. *Ent.: Coleopt.*
Garlin-Soulandre, Prof., Rue Saint-Firmin, 18, Montpellier. *Math.*
Garnier, E., St.-Même-les-Carrières. *Coleopt.*
Garnier, l'Abbé Alphonse, Rue de l'Hôtel-de-Ville, 18, Troyes. *Coleopt.*
Garnier, Amiens, *Bot., Nat. Hist.*
Garneau, Ferdinand, Alais, *Geol., Min.*
Garrigo, Dr. Joseph Louis Felix, Rue Valade, 38, Toulouse (Haute Garonne). *Geol., Chem., Anth.* C.*
Gaschet, P. A., Rue des Remparts, 40, Bordeaux. *Coleopt.*
Gatien, le Frère Ernest, Impasse Godefroy-de-Bouillon, Clermont-Ferrand. *Coleopt.*
Gatine, L., Rue des Rosiers, 23, Paris. *Chem.*
Gaube (du Gerr), Dr. J., Rue Ste. Traure, 23, Paris. *Biol.*
Gaudion, Henri, Ave. St. Pierre, 38, Beziers, Hérault. *Con., Moll.*
Gaudry, Albert, Prof. Nat. Hist. Museum, Rue des Saints-Pères, 7, *bis*, Paris. *Palæo.*
Gaugnet, J. Elie, Officier d'Académie, Mem. de la Soc. Polytech. de France, Rue de Seine, 36, Paris.*
Gaulle, Jules de, Rue de Sèvres, 11, Paris. *Ent., Coleopt., Hymenop.**
Gauthier, V., Prof. Lyceum, Rue Jaubert, 2, Marseilles.
Gauthiot, Charles, Sec. Gén. de la Société de Géog. Commerciale, Boulevard Saint-Germain, 63, Paris.*

Gautier, Prof. Dr., Boulevard d'Enfer, 105, *bis*, Paris.
Gautier, Gaston, Place St.-Just, Narbonne. *Bot.*, *Bryol.*
Gautier, Hubert, Rue Neuve, Langres. *Coleopt.*
Gavarret, Prof. Dr., Rue de Grenelle-Saint-Germain, 73, Paris.
Gavoy, Louis, Rue de la Préfecture, 5, Carcassonne. *Coleopt.*, *Ent.*
Gay, Prof., Lyceum, Villa Marie, Montpellier. *Phys.*
Gay, Prof. Henri, Rue de la Pature, 27, Amiens.
Gayet, Prof. Dr., Rue de la Barre, 1, Lyons.
Gayraud, Prof. E., Rue Argenterie, Montpellier.
Gehin, Joseph Jean Baptiste, Villa du Pont du Jour, Remiremont (Vosges). *Coleopt.*, *especially Carabidæ*. C. Ex. Desires to buy American Calosomæ, Carabidæ, and Cychri.*
Génévier, Gaston, Nantes. *Bot.*
Genreau, Pau (Basses Pyrénées). *Min.*
Georges, Emile, Luneville. *Phæn. Bot.* C.
Gérard, Cl. Alb., Con. des Hypothèques, Neuilly-St.-Front. *Bot.* C. Ex.*
Géraud-Mousset, Rue du Lac, 11, St. Mandé (Seine). *European Lepid.*
Gérin, Léopold, Carcassonne, 109, Faubourg Erivalle. *Ent.* C. Ex.*
Germain, Philibert, St.-Genis-Laval. *Coleopt.*
Germain, V., Faubourg Matabiau, 36, Miremont. *Coleopt.*
Gernez, Prof., Lyceum Louis-le-Grand, Rue Médicis, 17, Paris. *Phys.*
Gervais, Paul, Membre de l'Inst., Prof. d'Anat. comp. au Mus. Hist. nat. Rue de Navarre, 11, Paris. *Gen. Ent.*, *Myriapoda.*
Gervais, d'Aldin, Péronne. *Coleopt.*
Gian, Jules, Rue Neuve des Petits-Champs, 42, Paris. *Orn.*
Giard, Dr. Alfred Mathieu, Prof. à la Faculté des Sciences et à la Faculté de Médicine, Directeur du Musée Zoologique, et de Laboratoire de Zoologique Maritime de Mineraux, Lille. C. *Embryology of Invertebrates.* Ex. Specimens preserved in alcohol.
Giard, Pierre, Sec. Soc. Géog. of N. of France, Grand Place, Valenciennes.
Gilbert, Marc, care Dr. Gilbert, Rue Serg, 41, Havre. *Geol.*, *Orn.* C. Ex. European birds and fossils for foreign.
Gillet, C. C., Rue de l'Adoration, 23, Alençon. *Bot.*, *Mycol.*
Gillot, Dr., Rue de la Halle-aux-Blés, 4, Autun. *Bot.* C.
Ginon, l'Abbé G., Dir. Seminary, Grenoble. *Coleopt.*
Girandot, Prof. d' Histoire Naturelle au Lycée, Lons-le-Saunier (Jura). *Geol.*, *Bot.*
Girard, Prof. Maurice, Collége Rolin, Rue Thenard, 9. *Ent.*; *Coleopt.*
Girardin, Jean P. L., Rouen.
Giraud, Théodore, Quai d'Albret, 15, Lyons. *Coleopt.*
Giraud-Teulon, Dr., Rue d'Edimbourg, 1, Paris.
Giraudias, Louis, Receveur de l'Enregistrement, Aulnay (Charente-Inférieure). *Bot.* C. Ex. Plants of western France in exchange for foreign and those of eastern Europe and the Mediterranean.*
Giraux, Dr. H., Châlons-sur-Marne. *Ent.*
Girerd, Rue de l'Hôtel-de-Ville, 3, Lyons. *Con.*
Glastien, Prof. Joseph, St.-Etienne. *Bot.*
Gobert, Dr. Emile, Rue de la Préfecture, 2, Mont-de-Marsan. *Ent.*; *Coleopt.*
Gobet, Mornant. *Coleopt.*
Goblet, Rue Mazagran, 10, Amiens.
Godart, Capt., Avenue de Saxe, 108, Lyons. *Coleopt.*
Godard, Jules, Rue de Paris, Perigueux. *Bot.*
Godefroy, Eug., Rue de la Montagne, St.-Geneviève, 8, Paris. *Bot.*
Godefroy, Léon, Professeur de Sciences au Petit Séminaire, La Chapelle, St. Mesmin. *Geol.*, *Min.*, *Con.*, *Ent.* C. Ex. Offers shells and Coleoptera for foreign.

Godet, Rochelle. *Hort.*
Goesle, Prof. Lyceum Bicoquet, Caen. *Coleopt.*
Gonzalez Linares, Dr. August, Boulevard Montparnasse, 128, Paris.
Goossens, Th., Rue du Faubourg St.-Martin, 171, Paris. *Lepid.*
Goret, Digne (Basses Alpes). *Palæo.* C.
Gosselet, Prof. J., Rue d'Autin, 18, Lille. *Geol.*
Gosselin, Prof. Athanase L., Mem. Acad. Sci., Rue Saint-Lazare, 81, Paris.
Gossin, Prin. Lyceum, Lille. *Phys.*
Goualt, Albert, Rue Cuvier, 57, Paris. *Bot.*
Gouley, Albert, Rue Vilaine, 19, Caen. *European Lepid.*
Gounelle, Emile, Rue de Rennes, 115, Paris. *Agric., Coleopt.*
Goupilleau, Rue Chambronne, 3, Nantes. *Agric.*
Gourdon, Maurice, Villa Maurice, Luchon. *Coleopt.*
Gouré de Villemontée, Gustave, Prof. Normal School, Cluny. *Coleopt.*
Gourg, Georges, Rue de Montmoreau, 41, Angoulême. *Coleopt.*
Gournerie, de la, Boulevard Saint-Michel, 75, Paris.
Gouse, Dr., Amiens. *Bot.* C.
Goussard, Blois (Loire-et-Cher). *Coleopt., Bot.*
Goutay, Edouard, Rue de l'Horloge, 32, Riom. *Coleopt.*
Gozis, Maurice des, Rue de Béotie, 130, Paris. *Coleopt.*
Grancher, Prof. Dr., Rue d'Anjou, 69, Paris.*
Grandeau, Louis, Directeur de la Station Agronomique de l'Est, Doyen et Prof. de Chimie Agricole à la Faculté des Sciences, Prof. de l'Ecole Nationale Forestière, Rue du Faubourg Saint-Jean, 24, Nancy (Meurthe-et-Moselle).
Grand, Eury, Rue de Paris, 7, St. Etienne. *Bot, Vegetable Palæo.*
Grangeneuve, Maurice, Avoue, Licencié, 32, Cours de Tournay, Bordeaux (Gironde). *Min.* C.
Granger, Albert, Boulevard de Talence, 330, Bordeaux (Gironde). *Con.* C. Ex. Shells of the coast of the Mediterranean, and shells and fossils of the Gironde, for L. and F. W. shells.
Granval, Prof. Dr., Rue Féry, 14, Reims.
Grasidou, Montpellier. *Bot.*
Greaux, de, Dir. Zool. Gar. Marseilles. *Bot.*
Gréhant, Prof., Nat. Hist. Mus., Paris. *Physiol.*
Grenier, Dr. A., Rue de Vaugirard, 55, Paris. *Ent.: Coleopt.*
Griffith, W. J., Rue de Paris, 32, Rennes. *Ent.: Coleopt., Hemipt.*
Grilat, R., Rue Rivet, 19, Lyons. *Ent.*
Grisard, Jules, Rue de Lille, 19, Paris. *Bot., Hort., Bibliog., Arch.**
Gronier, Rue de Foy, 6, *bis*, St.-Quentin, Aisne. *European Lepid.*
Groult, Edmond, Lisieux (Calvados).*
Grouvelle, Antoine, Nice. *Coleopt.*
Grouvelle, Jules, Rue des Ecoles, 26, Paris. *Ent.: Coleopt.*
Gruner, Inspecteur général des Mines, Rue d'Assas, 30, Paris. *Geol., Met.*
Guebhard, Dr. Adrien, Préparateur à la Faculté de Médecine de Paris, Rue de Chartres, 12, Neuilly-sur-Seine. *Phys., Palæo.**
Guède, J., Rue de la Prévoté, 24, Bordeaux. *Gen. Ent.*
Guede, J. P., Rue d'Assas, 85, Paris. *Ent.: Coleopt.*
Guédel, Dr. Cours St.-Bruno, 10, Grenoble. *Coleopt., Lepid., Hymenop.*
Guénin, C., Rue de l'Eglise, 17, Saint-Cloud.
Guenon, Dir. Agric. Station, Châteauroux. *Bot.*
Guérard, Rue Riolan, 7, Amiens.
Guérin, Dr. Alphonse, Rue Jean-Goujon, 17, Paris.
Guérin, Rue de Strasbourg, 13, Mâcon. *Coleopt.*
Guérin, Rue Violet, 54, Grenelle, Paris. *Coleopt.*
Guérin, de Sozziondo, Château de Fonfrède, par Roulette (Charente).
Guerle, de, Nancy.

Guerne, Jules Germain de, Rue Solférino, 181, Lille. *Zool., especially Anatomy of Mollusks.* C. Ex. Sea shells of the coasts of France for those of the Atlantic, with remarks upon the localities.
Guerry-David, Rue de l'Arsenal, 58, Angoulême. *Coleopt.*
Guertin, Émile, Chinon. *Coleopt.*
Guester, Daniel, Pave des Chartrons, 35, Bordeaux. *Malacol.*
Guevel, Georges, Houdan (Seine-et-Oise). *Plants, Grasses.**
Guiard Abbé V., Rue de Bayeux, 26, Caen. *Bot.*
Guieysse, Prof., Pensionnat de Camonil, près Rodez (Aveyron). *Ent., Orn., Mam., Min., Bot.* C. Ex. Coleoptera of France for those of Europe and foreign.*
Guignard, Dr. Léon, 19 Rue Linné, Paris. *Bot.*
Guilbert, A., Warloy-Baillon. *Bot.*
Guilbert, Robert, Rue de Buffon, 24, Rouen. *Coleopt.*
Guillaud, Dr. J. A., Prof. à la Faculté de Médecine; Redacteur en chef du Journal d'histoire naturelle de Bordeaux et du Sud-Ouest, et des Annales d'histoire naturelle de Bordeaux et de Sud-Ouest, Préparateur d'embryologie comparée au Coll. de France, Bordeaux. *Emb., Bot.**
Guillaume, Léon, Grignon (Seine-et-Oise). *Agric.*
Guillaumin, Charles, Rue de Buffon, 73, Paris. *Con., Geol., L. and F. W. Shells and fossils.* C. Ex.
Guillebeau, Plantay. *Coleopt.*
Guillemarre, Prof., Rue des Capucins, 97, Reims.
Guillemin, A., Orsay près Paris (Seine-et-Oise). *Ast.*
Guillibert, Hipp., Avocat à la Cour, Secrétaire de l'Académie des Sciences, Arts, et Agriculture et Belles-lettres, Rue Saint Claude, 3, Aix. *Bot.* Culture of vineyards. C. Ex. plants and slips.
Guilliou, Rue des Rosiers, 6, Paris. *Coleopt.*
Guinard, E., Montpellier. *Mic.*
Guinon, E., Directeur de la Station Agronomique, Rue de Déols, 33, Châteauroux (Indre). *Geol.* C. Minerals and fossils of Indre.
Guriaud, Dr. L., Avenue de la Gare, 39, Nice (Alpes Maritimes). Summer address, Montauban (Tarn-et-Garonne). *Anth. Bot.* Ex.
Guyerdet, Rue Gay-Lussac, 36, Paris. *Geol., Min.*
Haas, Nice. *Coleopt.*
Halbranche, Rouen. *Bot., Mosses, Lichens, Fungi.*
Haller, Dr. Albin, Prof., Agrégé à l'Ecole Supérieure de Pharmacie, Maître de Conférences à la Faculté des Sciences, Rue de la Venerie, 7, Nancy. *Chem.*
Hallez, Paul, Maître de Conférences à la Faculté des Sciences, Rue de Grand, 45, Lille (Nord). *Zool.* C. Ex. Lower animals in alcohol, particularly Turbellaria.
Halloy, Léon d', Rue Porte Paris, 23, Amiens. *Coleopt.*
Hamonville, Baron Louis d', Ancien Conseiller-Général au Château de Manonville, par Noviant-aux, près Meurthe-Moselle. *Orn., Ool., Con.* C. Buys or exchanges Trochilidæ in skin. Ex. Birds' eggs of Europe and shells of France for exotics.*
Hamy, Dr. Ernest, Conservateur du Musée d'Ethnographie de Paris, Aide-Naturaliste chargé de Cours au Muséum, Rue de Lübeck, 26, Paris. *Anat., Anth., Ethnog., Geog.**
Hanra, Prof. D., Châlons. *Bot., Geol.*
Hanry, Hipp., Luc. *Bot., Bryol.*
Haraucourt, Prof. C., Lyceum, Rouen.
Hardquin, Quimper (Finisterre).
Hardy, E., Rue Bonaparte, 19, Paris. *Chem.*
Harmand, Dr., Mus. French Col., Paris. *Bot.*
Harmand, René, Place de la Bastille, 10, Paris. *Ent.: Coleopt.*

Hasto, Ernest C. E., bg. Bd. Haussmany. *Geol., Chem., Phys.* C. Ex.
Haton, de la Goupillière, Rue Garancière, 8, Paris.
Hauquelin, Dr. A. T. F., Prof. d' Hygiène à l'Ecole professionnelle Vaucandon, Mem. de la Société des Sciences Naturelles du Sud.-Est., Grenoble (Isère). *Bibliog., Zool., Anth., Moll.* C. Ex.
Haut-Saintamour, Adolphe, Gravelle, Ste. Henosine, near Havre. *Coleopt.**
Hébert, Prof., Mem. Acad. Sci., Rue Garancière, 10, Paris. *Geol., Min.*
Heckel, Dr. Edouard, Prof. à la Faculté des Sciences, et à l'Ecole de Médicine, Dir. du Jardin Botanique, Cours Lieutand, 45, Marseilles. *Bot., Fungi, Mic., Teratology, Physiol., Con.* C. Ex.*
Hecquet, Dr., Abbeville.
Hedley, Ch., Menton. *Con.*
Heilman, J., Muséum, Cannes. *Bot., Min., Con.**
Hémard, Hippolyte, Pont-à-Mousson. *Lepid.*
Hennebert, O., Versailles.
Henneguy, Dr. Louis Felix, Rue du Sommerard, 17, Paris. *Zool., Emb., Ent., Protozoa, Infusoria.**
Henninger, Dr. Prof. Arthur, Faculté de Médecine, Paris. *Organic and Biol. Chem.**
Hénon, Escombres, in Pourru-St.-Remy. *Coleopt., Lepid.*
Henriet, L., Rue de Beam, 14, Paris. *Chirurgy.*
Henrivaux, J., Chemist, Directeur de la Glacerie, Membre de plusieurs Sociétés Savantes et Industrielles, St. Gobain (Aisne).*
Henrot, Prof. Dr. Henri, Rue Neuve, 73, Reims.
Hérail, Joseph, Faculté de Montpellier, Hérault.
Heraud, Pharmacien en chef de la Marine, Toulon (Var.). *Bot., Geol., Zool., Min.*
Herbet, Rue des Jacobins, 51, Amiens.
Héribaud, Prof., Clermont-Ferrand. *Bot.*
Hérincq, F., Conservateur des Galéries de Botanique au Muséum d'Histoire Naturelle, Paris. *Bot., Cultivated Plants.*
Heroé, Mangon, Dir. Con. des Arts et Metiers, Paris.
Héron, Daniel, Rue d'Alger, 8, Paris. *Coleopt.*
Héron-Royer, Rue de Cléry, 22, Paris. *Lepid.*
Hervé, E., Morlaix, *Ent.: Coleopt.*
Hervier, Joseph, Grande Rue de la Bourse, 31, Saint-Etienne (Loire). *Bot., Phanerogams, and vascular Cryptogams.* C. Exchange herbs of Europe for Phanerogams of Europe and France.*
Hette, F., Rue de Mons, 107, Valencienues. *Neuropt., Coleopt., Lepid., Con.*
Hibert, Prof. Ed., Sorbonne, Paris.
Hickel, Robert, Rue Hautefeuille, 9, Paris. *Coleopt.*
Hir, Daniel, Finisterre.
Hirn, Prof. l'Abbé Georges, Rougemont, near Belfort. *Bot.*
Hoffman, Prof. H., Rue de Joinville, Impasse Quesnay, Havre.
Hollande, D. S., Prof au Lycée, Chambéry (Savoie). *Geol., Phys.*
Hommey, Dr., Rue Potin, Sécz. *Bot., Byrol.*
Honnorat, Ed.-F, Naturaliste, Quartier des Sièyes, Eigne (Basses-Alpes). *Ent.: Coleopt., Ool., Herpetol., Palæo.* C. Ex. Reptiles, Coleoptera, and Crinoids of France for foreign specimens.
Horster, Prof., Collége, Soissons.
Houllet, R., Rue Cuvier, 57, Paris. *Bot.*
Houry, Alphonse, Mer (Loire-et-Cher), Entomologiste. C. *Gen. Ent., Tax., Photog., Bot., Geol., Min., Orn., Herpetol, Con.* Ex. Coleopt., Lepid., Hymenop.
Houzé de l'Aulnoit, Prof. Alfred, Lille.
Hovelaque, Prof. Abel, Rue de l'Université, Paris. *Anth.*

Hovelacque, Maurice, Rue des Sablons, 88, Passy, Paris. *Bot., Palæo., Geol., Min., Lithol.* C. Ex.*
Huard, Rue Dauphin, 5, Paris.
Huberson, Gabriel, Rue Laromiguière, 2, Paris. *Coleopt., Bot.*
Hue, Place Centrale, 3, Fontainebleau. *Coleopt.*
Huet, Prof., Pamiers. *Bot.*
Huet, Aide Naturaliste chargé de la Ménagerie, Nat. Hist. Muséum, Paris. *Zool.**
Huet, Louis, Place Richebé, 7, Lille (Nord). *Chem.*
Hugueny, Prof. F., Fac. Sc., Marseilles. *Phys.**
Hugues. Rev. Gustave, Rue du Marche, 7, Bergerac, Dordogne. *Min., Bot., Geol., Palæo.**
Huguet, Prof., Clermont-Ferrand.
Humnicki, Valentin, Rue Neuve-St.-Aignan, 4, Orléans. *Coleopt.*
Husnot, Th., Cahan, Athis. *Bot., Bryol.*
Huyard, Henry, Rue Sauteyrou, 55, Bordeaux. *Chem.*
Hy, Abbé Félix Ch., Prof. Catholic Univ., Angers. *Bot.*
Illaret, Antoine, St. Ferme, Monsegur (Gironde) Membre de l'Association Française pour l'Advancement des Sciences, de la Société Nationale d'Encouragement à l'Agriculture, de la Société d'Agriculture de la Gironde.
Itasse, Léon, Rue du Faubourg-Montmartre, 56, Paris. *Coleopt.*
Izarn, Prof., Lyceum, Clermont-Ferrand.
Jablochkoff, Rue de Naples, 52, Paris. *Phys.*
Jaccoud, Prof., Boulevard Haussmann, 62, Paris.
Jacquemart, Rue du Barbâtre, 22, Reims.
Jacquet, Dr. Ernest, Cours Lafayette, 3, Lyons. *Ent.: Hemipt., Coleopt.* C. Ex.*
Jacquemet, Edouard, Voiron (Isère). *Phœn. Bot., Fungi, Algæ, Invert. Palæo., Lithol., Gen. Ent., Crustacea, Moll., Radiates, Sponges.**
Jacquin, Préparateur à la Faculté, Grenoble. *Bot.*
Jacquot, Inspecteur-Générale des Mines, Dir. de la Carte Géologique, 83, Rue de Monceau, Paris. *Geol.*
Jahan, Cours de Tournon, 16, Bordeaux. *Min.*
Jamin, Prof., Rue Soufflot, 24, Paris.
Jamin, Jules C., Mem. Acad. Sci., Carrefour de l'Odéon, 2, Paris. *Phys.*
Jannel, Charles, Charleville (Ardennes). *Geol.* C.*
Jannin, Eugène, Rue des Saints-Pères., 5, Paris. *Coleopt.*
Janssen, Pierre Jules, Astronome-physicien, Membre de l'Institut de France des Bureaux de Longitude, Directeur de l'Observatoire d'Astronomie Physique, Mendon (Seine-et-Oise). *Phys. Astronomy.*
Janvier, Boulevard du Mail, 73, Amiens.
Jarlan, Rue Frère, 40, Bordeaux. *Coleopt.*
Jarlan, Emile Louis, Membre de la Société Entomologique de la Gironde et du Sud-ouest de la France, Rue Frère, 16, Bordeaux (Gironde). *Lepid.* C. Ex.
Jarris, l'Abbé Pierre, Professeur de Philosophie au Collége Sainte-Marie, St.-André-de-Cubzac (Gironde) *Bot., Ent.* C. Ex.
Javal, Dir. Opthal. Lab. of La Sorbonne, Rue de Grenelle, 58, Paris. *Phys.*
Jean, J., Castelbosc, near Alairac, Canton de Montreal. *Coleopt.*
Jeanbernat, Dr. Ernest, Rue du Musée, 5, Toulouse. *Bot.*
Jeannel, Prof. Charles, Place Notre-Dame, 43, Montpellier.
Jeannenot, Prof. Louis, Rue Guillaume-de-Nogaret (Faubourg Saint Dominique), Montpellier. *Agric.*
Jekel, Henri, Naturalist, Rue de Dunkerque, 62, Paris. *Coleopt.*
Joanne, Ad., Rue Gay-Lussac, 1, Paris.
Jobin, A., Rue de Fleurus, 31, Paris. *Coleopt., Nat. Hist.*

Jolibois, Boulevard St.-Michel, Paris. *Bot.*
Jollet, Andre, La Mothe-St.-Heray. *Coleopt.*
Joly, Charles, Rue Boissy d'Anglas, 11, Paris. *Hort.**
Joly, Dr. Marie Auguste Emile, Licencié es Sciences, Lauréat de l'Institut de France, officier d'Academie, Médecin-Major de première classe au 75e Régiment d'Infanterie de Ligne en Garrison, Rue de France, 23, Gap (Hautes-Alpes). *Entomology* (*Anatomy*, *Physiology*), *Orthoptera*, *Ephemeridæ of Europe.* C. Ex. Wish Larvæ and Nymphæ of Ephemeridæ.
Joly, Nicolas, Prof., honoraire à la Faculté des Sciences de Toulouse, Cor. Mem. Inst. de France, Rue des Amidonniers, 52, Toulouse (Haute-Garonne). *Zool.*, *Gen. Biol.*, *Emb.*, *Anat.*, *Arch.**
Jordan, Al., Rue de l'Arbre Sec, 40, Lyons. *Bot.* C.
Jordan, Prof. Camille, Rue de Varennes, 48, Paris.
Jouancoux, Cachy, near Villers-Bretonneux.
Joubert, Prof., Collége Rollin, Rue Violet, 67, Grenelle, Paris. *Phys.*
Jourdan, Boulevard de la Republique, Voiron (Isère). *Orn.*, *Hort.*
Jourdain, Rue Lafayette, Grenoble. *Palæo.*, *Min.*
Jourdan, P., Rue de la Course, 121, Bordeaux. *Coleopt.*
Jourdes, Raymond, Courteilles, par Verneuil-sur-Avre. *Bot.* C. Ex.*
Jourdin, Boulevard de Belleville, 3, Paris. *Chem.*
Jourdheuille, Juge au Tribunal, Troyes (Aube). *Lepid.*
Jousseaume, Dr., Rue de Varnes, 6, Paris. *Zool.*, *Con.*
Jousset, E., Rue Lafayette, 1, Rochefort. *Bot.*
Jousset de Bellesme, Prof. de Physiologie à l'Ecole de Médecine de Nantes, Rue Chanoinesse, 12, Paris. *Phys.*
Jouve, August, Sigean (Aude).
Joyau, Prof., Lycée Angoulême. *Phil.*
Juglar, Châlons-sur-Marne. *Bot.*
Juignet, Dr. R. J., Coudray-Macouard, Saumur. *Coleopt.*
Juliany, Joseph, Place de l'Hôtel-de-Ville, 12, Manosque. *Coleopt.*, *Lepid.*, *Con.*
Julien, Prof., Clermont-Ferrand. *Geol.*
Jullian, Camille, Boulevard du Nord, 15, Marseilles. *Hymenoptera*, *Hemiptera.*
Jullien, Jean, Rue de l'Université, 2, Paris. *Chem.*
Jumeau, Gaston, Mem. Soc. Zool. de France, Rue Rôtisserie, Béziers (Hérault.) *Geol.*, *Min.*, *Crystal.*, *Herpetol.*, *Moll.* C. Ex.*
Jungfleisch, Prof. School Phar., Rue des Ecoles, 38, Paris. *Phys.*
Jurien de la Gravière, Vice-Admiral J. P. E., Mem. Acad. Sci., Paris. *Geography and Navigation.*
Kelly, Edmond, B.A., Rue Scribe, 3, Paris.
Kercado, A. Comte de, Place Pay-Berland, 30, Bordeaux. *Con.*
Kemmerer, Dr., S. Marten (île de Ré) *Moll.*
Kerhervé, A., Rue des Beaux Arts, 4, *bis*, Paris. *Ent.*: *Coleopt.*
Khonbanal, Camille de, 14, Rue de la Victoire. *Geol.*
Kirchberg, Prof. Dr., Rue Basse-du-Château, 1, Nantes.
Koch, Prof. Gustave, Rue Jeanne d'Arc, 54, Reims.
Kœchlin, Camille, Avenue Ruysdael, 4, Paris. *Coleopt.*
Kœchlin, Edmond, à Saint Denis, Ile de la Réunion. *Ent.*, *Coleopt.**
Kœchlin, Emile, Ingénieur, 52, Rue du Four. St. Germain, Paris. *Ent.*: *Lepid.*, *Coleopt.**
Koenig, Rue de Pontoise, 26, Paris. *Phys.*
Korgnies, Emile, Mauroil, par Honnechy Nord. *Bot.*
Kovalski, Prof., Rue Ravez, 18, Bordeaux.
Koziorowicz, Ajacio (Corse). *Ent.*
Koziorowicz, Edouard, Annecy. *Coleopt.*

Krafft, Prof. Eugène, Lyceum, Périgueux. *Math.*
Krantz, Rue la Bruyère, 47, Paris.
Kuhnholtz, Rue St. Guilhem, 23, Montpellier. *Con.*
Kühnholtz-Lordat, Achille, Administrateur des Mines de Graissessac, Montpellier. *Min., Con.* C.*
Künckel d'Herculais, Jules, Aide-Naturaliste au Muséum, Rue Gay-Lussac, 26, Paris. *Ent., Anatomy of Articulate Animals.* Ex. publications relating to Entomology.
Kuss, Ingénieur des Mines, Grenoble. *Min.*
Labbé, Louis, Rue du Temple, 17, Bordeaux. *Bot.*
Labbé, Paul, Rue de Choiseul, 15, Paris. *Coleopt.*
Labeyrie, Balanzac. *Coleopt.*
Laboratoire de la Rue des Fabres, Marseilles. *Biol., Histol.**
Laboulbène, Prof. Dr. Alexandre O., Boulevard St. Germain, 181, Paris, *Gen. Ent.**
Lacatte, l'Abbé, Seminary, Autun. *Coleopt.*
Lacaze-Duthiers, Prof. Félix J. H. de, Rue de la Vieille-Estrapade, 7, Paris. *Anat., Zool.*
Lachapelle, Rue Tronchet, 1, Lyons. *Con.*
Lacroix, Avenue Parmentier, 186, Paris.
Lacroix, Francisque, Mâcon (Saône-et-Loire). *Bot., Min., Con.* C.
La Cuisine, Henri de, Rue d'Assas. *Coleopt.*
Ladouce, Maison des Frères St.-Vincent-de-Paul, Chaville. *Coleopt.*
Ladouce, Rue de Dantzig, 1, Vaugirard, Paris. *Coleopt.*
Ladrey, Dijon. *Bot.*
Lafaury, Dr. Clément, Saugnac-les-Dax (Landes). *European Lepid.*
Lafitole, Marquis de, Beane la Rolande. *Lepid., Larvæ.*
Lafosse, Ferdinand, La Garde, near Montlieu. *Coleopt.*
Lagneau, Dr. Gustave, Rue de la Chaussée d'Antin, Paris.
La Godelinais, l'Abbé de, Fougères. *Bot.*
La Gournerie, Jules A. R. de, Mem. Acad. Sci., Paris.
Lagrenée, Mme. Georges, Château de Frocourt, près Beauvais (Oise). *Ornithology.* C. Ex.*
Lagu, Prof., Urgons (Landes). *Bot.*
Laguesse, Prof. Dr., Dijon. *Bot.*
Lahaussois, Charles, Rue Biot, 22, Paris. *Entomology, especially Hymenoptera and Coleoptera.* C. Ex. Coleoptera of France for those of other countries.*
Lair, E., Grande-Rue, Amboise. *Coleopt.*
Lairoix, Alfred, Membre de la Société de Minéralogie de France, Rue Philibert Laguiche, 6, Mâcon (Saône-et-Loire). *Min.* C. Ex. Wishes crystallized minerals.
Lambert, Dr. Paul, Château de la Gagnerie, Semblançay (Indre-et-Loire). *Ent.; Coleopt.* C. Ex.
Lambert, Francis, Grand Serre (Drôme). *Agric., Geol.*
Lambin, Charles, Rue St.-Antoine, 164, Paris. *Coleopt.*
Lami, Stanislas, Villemetrie, Senlis. *Coleopt.*
Lamothe, Louis, Quai de la Monnaie, 18, Bordeaux. *Hort.*
Lamotte, Henri, Chantelle. *Ent.; Lepid.*
Lamotte, Prof. Dr. Martial, Rue de l'Eclache, 15, Clermont. *Coleopt., Bot., Nat. Hist.*
Lamy de la Chapelle, Edouard, Botaniste, Membre de la Société Botanique, Rue du Saint-Esprit, 17, Limoges (Haute-Vienne). *Mosses, Hepaticæ, Lichens.* C. Especially Cryptogams. Ex.
Lajoye, Abel, Rue Ruinart-de-Brimont, 9, Reims. *Ent.: Coleopt., Mineralogy.*
Lalanne, Prof., Lyceum, Orléans.
Lalanne, Léon L. C., Mem. Acad. Sci., Rue des Saint-Pères, 28, Paris.

Lalaune (Gaston), Soulac-les-Bains (Gironde). *Bot.*
Lambert, Francis, Grand Serre (Drôme). *Agric., Geol.*
Lancelevée, Th., Rue St.-Etienne, 29, Elbeuf-sur-Seine. *Coleopt., Lepid., L. and F. W. Shells, Bot.* C. Ex. Offer especially specimens of the Province of Normandy.
Lancereaux, Dr. Etienne, Prof., Agrégé à la Faculté de Médecine de l'Hôpital de la Pitié, Mem. de l'Académie de Médecine, etc., Rue Volney, 3, Paris. *Anat., Pathol.**
Lancereaux, Eugène, Château du Thiel, Chauvigny. *Coleopt.*
Landolt, Dr. Edmond, Laboratoire d'Opthalmologie à la Sarbonne, Rue Volney, 4, Paris. *Optics.**
Lanessan, Prof. Dr. de, Rue des Halles, 13, Paris. *Bot.*
Langlois, Maurice, Rue Soufflot, 24, Paris. *Coleopt., Lepid.*
Langrand, Charles, Rue Raze, 18, Bordeaux. *Coleopt.*
Lantier, Dr. Etienne, Corbigny (Nièvre). *Medicine, Chirurgy.* C. Ex.
La Perraudière, Raoul de, Rue des Fosses, Laval. *Coleopt.*
La Perraudière, René de, Mayenne. *Coleopt.*
Laplanche, Maurice C. de, Château de Laplanche, Luzy (Nièvre). *Agric., Geog., Ent.: Coleopt.* C. Ex.
Laporte, Ernest, Rue Laroche, 83, Bordeaux. *Coleopt.*
Laporte, E., Capt., Navarrenx. *Coleopt.*
Laporte, Prof., Rue Mouneyra, 71, Bordeaux. *Geom.*
La Porte-Orieulx, de, Lafarge, Viviers. *Coleopt.*
Lapparrent, Prof. de, Catholic Univ., Rue Tilsit, 3, Paris. *Geol.*
Larcher, Ad., Rue Claude Bernard, 82, Paris. *Bot.**
Laroix, Maron, Saône-et-Loire. *Bot., Min.*
Laroque, Prof., Lycée, Rue Malherbe, Bordeaux. *Math.*
Laroyenne, Dr., Rue de l'Hôtel-de-Ville, 110, Lyons.
Larralde d'Arancete, Martin, Lourdes (Hautes-Pyrénées). *Lepidoptera.*
Larrey, Le Baron F. H., Mem. l'Inst., Rue de Lille, 91, Paris.*
Lartet, Prof. Louis, Rue du Pont de Tounis, 14, Toulouse (Haute-et-Garonne). *Palæo., Geol., Anth., Arch.* C. Ex.*
Lartigue, Henri, Rue de la Tour, 60, Passy, Paris. *Coleopt.*
Lascols, Mende. *Coleopt.*
Lataste, Evard, Cadillac-sur-Garonne. *Ent.; Coleopt., Con.*
Lataste, Fernand, Répétiteur au Collége de France, 7, Avenue des Gobelins, Paris. *Batrachians, Reptiles, Mam.* C. Ex. Wishes living animals, or in alcohol, in exchange for French or European.
Laugel, Auguste, Ex-Secrétaire de la Société Géologique de France, 19, Rue de la Ville l'Evêque, Paris.
Launay, Prof., Lycée, Rouen. *Hist.*
Lanois, P. E., l'Hôtel-Dieu, Reims. *Coleopt.*
Lauret, Frédéric, Millau (Aveyron). *Geol., Min.*
Laussedat, Prof. le Colonel, Polytec. Sch., Rue Descartes, 23, Paris.
Lauzaune, Henri de, Château de Porzantrez, près Morlaix (Finistère). *Lepid., Moll.*
Lavallée, Alphonse, Président de la Société Nationale d'Hort. de France, Société Nationale d'Agric. de France, Rue de Penthièvre, 6, Paris, et Château de Segrez, near Boissy-sous-St.-Yon (Seine-et-Oise). *Bot.* C. 6,000 specimens trees and shrubs. Ex. Large herb. of phænerogams.*
Lavergne de la Barrière, Rue Laffitte, 5, Paris. *Coleopt.*
Lawton, Edouard, Quai des Chartrons, 95, Bordeaux. *Orn.*
Layné, C., Place Morand, 9, Lyons. *Coleopt.*
Lebaigue, Eug., Rue Vieille-du-Temple, 117, Paris. *Chem.*
Le Blanc, Dr. F., Place Perière, 5, Paris. *Therapeutics.*
Le Blanc, Prof. René, Reims. *Chem.*

Leboeuf, Charles, Membre de la Société Entomologique de France, Rue Godot-de-Manroy, 16, Paris, or Rue de Tallyrand, 19, Reims. *European Coleopt., Carabidæ, Dytisidæ, Hydrophilidæ, Silphidæ, Lamellicorns, Cleridæ, Longicorns.* C. Ex.

Le Bouteiller, Edmond, Rue Malatiré, 32, Mont-St.-Aignan, near Rouen. *Coleopt.*

Le Bret, Dr., Barèges.

Le Breton, André, Secrétaire de Correspondance de la Société des Amis des Sciences Naturelles de Rouen, Membré de la Société Botanique de France, Membre-Fondateur de la Société Zoologique de France, Rue de Buffon, 21, Rouen (Seine-Inférieure). *Mycology, Orn., Ool.* C. Ex. Books and papers upon Mycology, native and foreign.

Le Brun, Marcel, Rue du Cloître de St.-Pierre, 28, Troyes. *Ent.: Coleopt.*

Lecat, Rue de Lyon, 65, Lyons. *Coleopt.*

Leclerc, 31, Rue de Ligne, Blois. *Geol.*

Leclerc, A., Dir. du Laboratoire de Recherches de la Compagnie Générale des Voitures, Rue du Ruisseau, 91, Paris. *Alimentation Rationnelle du Cheval.**

Leclerq, Eugène, Prof. Collége du Quesnoy (Nord). *Geol.*

Lecomte, Rue Ch., Dubois, 27, Amiens.

Lecoq de Boisbaudran, François, Correspondant de l'Inst., Cognac. *Phys.*

Lécouflet, Emile, Rue d'Ecosse, 1, Dieppe. *Coleopt.*

Lee, Dr. Edwin, Nice.

Lefevre, Edouard, Rue du Bac, 112, Paris. *Ent.: Coleopt.*

Le Fort, Prof. Léon, Rue de la Victoire, 96, Paris.

Legrand, Antoine, Bourges (Cher). *Coleopt.*

Le Grand, Gustave, Avenue du Parc-de-Bercy, 3, Charenton. *Coleopt.*

Legrix de la Salle, Charles, Place Dauphine, 13, Bordeaux. *Ethnog.*

Leguay, Louis, Officier d'Académie, Rue de la Sainte-Chapelle, 3, Paris. *Anth., Arch.* C.

Lehardelay, Ch., Rue de Dunkerque, 48, Paris. *Ast.*

Le Jariel, G., Curé de Belgeard, près Mayenne. *Coleopt.**

Le Jolis, Dr. August F., Cherbourg. *Bot., Algæ.*

Lelaurin, Henri, Institution St.-Vincent, Senlis. *Coleopt.*

Leleu, Lyceum, Amiens.

Lelièvre, Alfred, Conservateur du Musée de Valenciennes, Grande Place, 39, Anzin. *Ent., Malacology, Bot., Phanerogams, Cryptogams.* C. Ex.

Lelièvre, Ernest, Entreponts, 22, Amboise. *Herpetol., Ent.: Coleopt., Lepid., Hemipt., Bot.*

Lelong, l'Abbé, Rue St.-Hilaire, 13, Reims, *Coleopt.*

Leloup, Charles, Avenue des Gobelins, 25, Paris. *Coleopt.*

Lemarié, Eugène, Fondateur de la Société Linnéenne de la Charente-Inférieure, Con. Musée, Royau-les-Bains. *Bot., Marine Algæ.* C. Local algæ, shells, plants, archæology. Ex.*

Lemaire, Henri, Rue Violet, 54, Grenelle, Paris. *Coleopt.*

Le Mesle, G., Rue du Grain-d'Or, 6, Blois. *Geol.*

Lemirre, Rue Léonard de Vinci, 8, Paris. *Con.*

Lemoine, Prof. Dr., Boulevard des Promenades, 49, Reims. *Palæo.*

Lemoine, Emile, Polytec. Sch., Rue du Cherche-Midi, 55, Paris.

Lemoine, Julien, Rue de Fougères, 3, Rennes (Ille-et-Vilaine). *Con.*

Lemonnier, Polytec. Sch., Avenue du Suffren, 26, Paris. *Phys.*

Le Monnier, Prof., Rue de la Pépinnière, Nancy. *Bot.*

Lemoré, Eugène, Rue Guichard, 2, Passy, Paris. *Coleopt., Con.*

Lennier, G., Dir. Nat. Hist. Muséum, Rue Bernardin-de-Saint-Pierre, 2, Le Havre. *Geol., Palæo.*

Lenoel, Dr., Rue de la République, 34, Amiens. *Nat. Hist.*

Lepeintre, Henri, Rue de l'Annonciation, Passy, Paris. *Ent.: Coleopt., Bot.*

Lepeltier, Dr. Arm., Rue de Feltre, 10, Nantes. *Bot.*
Lepileur, Dr, Louis, Rue de Castellane, 12, Paris. *Coleopt.*
Lepine, Faucoucourt. *Coleopt.*
Lépingard, Rue Bellecroix, St.-Lo. *Coleopt.*
Le Play, Dr. Friedrich, Paris. *Met.*
Leprieur, C. E., Rue des Ecoles, 38, Paris. *Coleopt.*
Lerg, A. Michel, Geological Society, Paris.
Le Riche, Instituteur Gézaincourt, près de Doullens (Somme). *Ent., Nat. Hist. of Bees and their Enemies.* C. Ex. Insects and Bees of various races, and their enemies.*
Le Roux, Polytec. Sch., Boulevard Montparnasse, 120, Paris. *Phys.*
Leroy, Prof. A., Lycée, Rue Lambrecht, Douai (Nord).
Leroy, Eugène, Prof. au Collége Libre, Lachapelle-sous-Rougemont. *Lepid., Coleopt.* C.
Le Roy, Gustave, Rue de Tournai, 47, Lille. *Geol., Ent.: Lepid.*
Lescuyer, F., Saint-Dizier (Haute-Marne). *Orn.**
Léséleuc, Dr. Augustin de, Rue Voltaire, 40, Brest (Finisterre). *Ent.: Coleopt.* C. Ex. Coleoptera of all countries, especially of France, Algiers, Spain, Portugal, Italy, for those of the United States and Mexico.*
Le Sénéchal, Raoul, Corbon, in Cambremer. *Coleopt.*
Le Sourd, Direc., Rue des Saints-Pères, 57, Paris. *Moll.*
Lesseps, Ferdinand de, Mem. Acad. Sci., Paris.
Letacq, l'Abbé, Vicaire à Ecouché (Orne). *Bot.**
Letellier, Prof. au Lycée, Rue des Promenades, 16, Alençon. *Coleopt.*
Letendre, Abbé, Grand Quevilly, Rouen. *Bot : Lichens, Fungi, Algæ.**
Lethierry, Lucien, Membre des Sociétés Entomologiques de Belgique et de France, Rue Blanche, 46, Faubourg St. Maurice, Lille. *Ent.: Coleopt., Hemipt., Hymenop.* C. Ex. Offers Coleoptera and Hemiptera of all countries, especially of Europe and of north of Africa, and wishes Coleoptera, Hemiptera, and Hymenoptera of America.*
Létiévant, Prof. E., Place Bellecour, 16, Lyons.
Letourneux, Tacite, Rue J. J. Rousseau, 5, Nantes. *Bot.*
Le Tuaut, l'Abbé, Erdeven, in Etel. *Coleopt.*
Leuduger-Fortmorel, Dr., Saint-Brieux. *Mic.*
Levasseur, Prof. E., Mem. de l'Inst., Collége de France, Rue Monsieur-le-Prince, 26, Paris.
Levassort, Georges, Rue du Vieux-Colombier, 4, Paris. *Ent.: Coleopt. Bot.*
Levaux, Prof., Collége Maubeuge. *Geol.*
Léveillé, Albert, Rue St.-Placide, 42, Paris. *Coleopt.*
Léveillé, Prosper, Chaussée de Clignancourt, 30, Paris. *Coleopt.*
Levoiturier, J. A., Rue du Glaieul, 36, Elbeuf. *Coleopt.*
Lhotellerie, Juba, Rue de Sévigné, 12, Paris. *Moll.* C. Ex.*
Lichtenstein, Jules, Villa Lironde, Montpellier (Herault). *Ent.* C. Ex. Aphidæ, Coccidæ, Hymenoptera, especially Chrysides.
Liebenberg, Alfred de, Rue Lacharrière, 15, Paris. *Coleopt.*
Lieutaud, Dr. Em., Prof. Sch. Med., Boulevard de Lices, 19, Angers. *Bot.*
Ligner-Armand, Eugène, Rue Boucher-de-Perthes, 17–19, Abbeville. *Coleopt.*
Lignier, O., Place des Patiniers, 7, Lille. *Bot.*
Linbo, Dr., Boulevard Malesherbes, 110, Paris.
Limur, F. Comte de, Membre de la Société de Minéralogie e France, Officier de l'Ordre de la Rose du Brésil, President de la Commission Météorologique du Morbihan, Hôtel de Limur (Nannes), Morbihan. *Min., Geol., Arch.* C. Ex. Wishes minerals and rocks of the United States.

Lionnett, G., Vice-Président de la Société Géologique de Normandie, Havre. *Con., Geol., Rocks, Fossils, and Minerals.* C. Ex.
Lippmann, Rue des Feuillantines, 45, Sorbonne, Paris. *Phys.*
Lirondelle, Prof., Lyceum, Douai. *Geol.*
Liséleur, Dr. de, Rue Voltaire, 40, Brest. *Coleopt.*
Livon, A., Rue Péiries, 17, Marseilles. *Orn., Ent.: Lepid.*
Lizambard, l'Abbé Charles, Château de Gizeux. *Coleopt.*
Lluch y Diaz, José Maria, Toulouse. *Geog.*
Lloyd, James, Rue de la Bastille, 25, Nantes. *Bot.*
Locard, Rue de la Reine, 59, Lyons. *Agric.*
Locard, Arnould, Ingénieur Civil, Quai de la Charité, 38, Lyons. *Palæo., Moll.* C. Ex.*
Lœvy, Maurice, Dir. Obs., Mem. Acad. Sci., Rue Cassini, 6, Paris. *Astronomy.*
Lombard, Abbé, Curé de Goncelin (Isère). *Bot., Coleopt.*
Lombard, C., Hôpital, Banon. *Coleopt.*
Lombard, Dr., Sommières. *Bot.*
Lombard, Félicien, Rue Monge, 60, Paris. *Coleopt.*
Longchamps, Prof. G. de, Lyceum of Charlemagne, Rue de l'Estrysade, Paris. *Math.**
Longpérier de, Rue de Londres, 50, Paris.
Looz, Georges Comte de, Château d'Avin, near Avennes. *Geol.*
Lorenti, Sec. Soc. Agriculture, Cours Morand, 22, Lyons.
Loret, Henri, Rue Barthez, 4, Montpellier. *Bot.*
Loriferne, Grande-Rue, 134, Sens. *Coleopt.*
Lorin, Place des Vosges, 5, Paris. *Chem.*
Lortet, Dr. Louis, Directeur du Muséum des Sciences Naturelles, Palais St. Pierre, Place des Terreaux, Lyons. *Palæo., Ichth., Crypt.* C. Ex.*
Lory, Charles, Dir. Agric. Station, Grenoble. *Bot., Min.*
Louis, Adrien, Ressinaud, near St.-Rambert-en-Bugey (Ain). *Bot., Phanerogams, Cryptogams, Mosses, Hepaticæ, Lichens, Mushrooms, Algæ of Europe.* C. Ex. Offers Phanerogams and Cryptogams of Europe in exchange for the same, native and foreign.
Louise, Principal of College, Sédan. *Geol.*
Lucand, Capt., Rue St.-Christopher, 8, Autun (Saône-et-Loire). *Bot.* C. Author of "Mushrooms of France," price 30 francs per fasicle.*
Lucante, A., Courrensan, near Gondrin. *Coleopt.*
Lucas, Henri, Mus. Nat. Hist., Rue Cardinal Lemoine, 9, Paris. *Zool.*
Lucas, Hippolyte, Entomologique Muséum, Rue Monsieur-le-Prince, 10, Paris. *Ent.: Coleopt.*
Lugo, Auguste de, Bagnères-de-Bigorre. *Bot.*
Lusson, Rue Ad'Orbigny, Rochelle. *Phys., Bot., Nat. Sci.*
Lustrac, A. de, Gaillan. *Coleopt.*
Luys, Dr. Jules, Membre de l'Académie de Médecine, Rue de Seine, 23, Ivry (Seine).*
Mabille, Paul, Agrégé de l'Université, Rue du Cardinal Lemoine, 75, Paris. *Ent.: Lepid., Neuropt., Lepid. of Africa, Hesperia of the Globe.* C. Ex. Hesperia of all parts of the world.
McAll, Rev. Robert W., 32 Rue Fessart, Belleville, Paris.
Macquerys, Emile, Evreux, (Eure). *Ent.*
Macquerys, S., Rouen. *Ent.*
Madelain, Tours. *Bot.*
Madon, Cours Mirabeau, 4 Aix. *Coleopt.*
Mager, Henri, Publiciste Géographe, 11, Rue d'Aboukir, Paris. *Geog.* Ex. or buys charts and topographical plans.*
Magne, Dir. Veterinary Sch., Alfort. *Bot.*

Magnien, Lucien, Prof. d'Agriculture du Department de la Côte-d'Or, Rue Devosge, 27, *bis*, Dijon. *Agric.**
Magnier, Charles, Dir. Bot. Gar., St.-Quentin. *Bot.*
Magnin, Ant., Sec. Bot. Soc., Quai de l'Est, 6, Lyons. *Bot.*
Magnin, Jules, Rue Honoré-Chevalier, 3, Paris. *Coleopt.*
Magon, J., Conservateur de Musée d'Hist. Nat., Marseilles. *Zool., Ichth., Lepid.*
Maillard, Prof. Dr. Aug., Rue du Petit-Potet, 34, Dijon. *Bot.*
Maillot, Prof. Eugène, Montpellier. *Agric., Coleopt., Bot.*
Maindron, Maurice, Rue Gay-Lussac, 14, Paris. *Coleopt.*
Maingonnat, Anatole, 37, Rue Richer, Paris.
Maisonneuve, Dr. Paul, Rue du Cornet, 26, Angers. *Ent.: Coleopt.*
Malbranche, Rue de Joyeuse, 26, Rouen. *Bot.: Lichens.*
Malinvaud, 8, Rue Linné, Paris. *Bot.*
Mallard, Prof., School of Mines, Rue de Médicis, 11, Paris. *Phys., Min.*
Malosse, Prof. Théodore, Rue Saint-Benoît, Montpellier.
Malvizen, Route de Tulle, Aurillac. *Bot.*
Mancag, l'Abbé, Caen, (Calvados). *Ent.*
Manceau, l'Abbé, Cenon-la-Bastide. *Con.*
Mancel, Rue Saint-Fuscien, 64, Amiens.
Manes, Adolphe, Capt., Saujon. *Coleopt.*
Mangin, Lieut.-Col., Boulevard des Invalides, 18, Paris. *Phys.*
Mangon, Charles F. Hervé, Mem. Acad. Sci., Rue Saint-Dominique, Paris. *Agric., Meteo., Chem.**
Mannheim, P., Polytec. School, Rue de la Pompe, 11, Passy, Paris.
Manuel de Locatel, Le Comte Alfred de, Château de Conflans, Albertville. *Coleopt.*
Maquenne, Dr., Preparateur au Muséum, Rue Nollet, 32, Paris. *Physiology, Physics, Chem.**
Marchais, Ernest, Saint Jean d'Angély (Charente Inférieure). *Min., Ool., Tax., Ent.* C. Desires exchanges.*
Marchand, Elie, Sainte-Foy, (Gironde). *Bot.*
Marchand, Eugène, Chemist, Mem. de l'Académie de Médecine, Fécamp (Seine Inférieure). *Agric., Chem., Phys., Meteo.**
Marchand, Dr. Léon, Prof. Cryptogamia, Ecole Supérieure de Pharmacie de Paris, Thiais, Choisy (Seine). *Bot.**
Marcotte, Félix, Muséum, Rue Ledien, 34, Abbeville. *Coleopt.*
Mareine, Remiremont, (Vosges). *Geometry, Min.*
Marès, Dr. Paul, Boulevard St. Michel, Paris. *Geol., Bot.*
Marey, Dr. Etienne J., Boulevard Delessert, 11, Paris. *Phys.**
Marié, Davy, Director-Meteorological Observatory of Montsouris, Paris. *Phys.*
Marin, François, Rue des Oyers, 2, Lille. *Mam., Orn.*
Marion, E., Dijon. *Palæo.*
Marjolin, Dr. Renatus, Rue Châptal, 16, Paris.
Marmiesse, Prof., Boulevard des Promenades, Reims.
Marmottan, Dr., Rue Desbordes-Valmore, 31, Passy, (Paris). *Ent.: Coleopt., Bot.*
Marquet, Léon, Rue Vieille-du Temple, 15, Paris. *Chem.*
Marquet, Rue St.-Joseph, 15, Toulouse. *Coleopt.*
Marseul, Silvin de, Directeur du Journal Entomologique l'Abeille, Boulevard Pereire, 271, Ternes-Paris. *Ent.: Coleopt. of Europe, N. of Africa and Asia, Heteromera and Histeridæ of the entire world.* C. 30,000 specimens. Ex. Coleopt. of the ancient world, especially of France and Algiers, also will exchange publications.
Marsillay, O. de, Directeur des Mines, Anzin.
Marsy, Comte Arthur de, Compiègne (Oise). *Geog.*
Martel, Dr. Joannis, Rue Saint-Lazare, 97, Paris.

Martin, Aug., Rue de la Pomme, 7, Toulouse. *Bot.*
Martin, Em., Romorantin. *Bot.* C.
Martin, Dr. Henri Charles, Rue Ste.-Claire, 4, Passy, Paris. *Coleopt.*
Martin, O., Rouen. *Bot.*
Martin, Prof., Lyceum, Havre.
Martin, Dr. de, Boulevard du Jeu-de-Paume, 22, Montpellier.
Martin, Capt., Perpignan. *Coleopt.*
Martinet, Léon, Rue Sainte-Hélène, 35, Irigny. *Bot.*
Martins, Prof. Ch., Dir. Bot. Garden, Montpellier. *Bot,*
Mascart, Prof. E., Coll. France, Dir. Central Météor. Bureau, Rue de Grenelle, 60, Paris. *Phys.*
Masson, E., Oisemont. *Coleopt.*
Masson, Edmond, Meux, in Compiègne. *Coleopt.*
Mathan, René de, Albi. *Coleopt.*
Mathieu, A., Rue Girardet, 10, Nancy. *Coleopt., Bot.*
Mathieu, Dr., Villa Adriana, Cannes. *Con.*
Mathieu, Prof. Louis, Rue de Marne, 48, Châlons (Marne). *Geol., Ent., Bot.* C. Ex. for fine specimens.
Mathieu, Lorient. *Coleopt.*
Mathieu, Prof., Lyceum, Reims. *Math.*
Maufras, Emile, Notaire, Membre de la Société d' Anthropologie de Paris, Pons (Charente-Inférieure). *Geol., Anth., Arch., L. and F. W. Shells.* C. Ex. Fossils of Chalk, Flint, L. and F. W. Shells of S.E. of France.
Maumené, Boulevard Gouvion-St.-Cyr, 51, Paris. *Coleopt.*
Maunoir, Rue Jacob, 14, Paris. *Geography.*
Mauppin, Alfred, Membre de la Société Entomologique de France, 155, Boulevard St. Germain, Paris. *Coleopt of Europe.* C. Ex. insects of France for those of other countries.
Maurein, V., Dir. Bot. Gar., Rue de Gand, 30, Lille. *Bot.*
Maurel, Auguste, Villard-des-Dourbes. *Coleopt.*
Maurice, Charles, Licencié es-Sciences-Naturelles, Château d'Atticher, Canton de Pont-à-Marne. *Lepid, Palæo., especially Anthropoda.* C. Ex.*
Maurice, Jules, Licencié es-Sciences-Naturelles, Château d'Atticher, Canton de Pont-à-Marne. *Coleopt., Hemipt., Dipt.* C. Ex.*
Mauxion, Dr. Abel, Secrétaire de la Société Zoologique de France, Rue Saint-Jacques, 34, Paris. *Physiol.*
Maxwell-Lyte, F., Faubourg-Saint-Honoré, 30, Paris. *Chem.*
Mayet, Valéry, Prof. de Zoologie à l'Ecole d'Agriculture, 3, Rue Urbain, V., Montpellier. *Ent.*
Mege, J. L. E., Curé, Villeneuve by Blaye (Gironde). *Shells, Coleopt., Lepid.* C. Especially European and foreign Lepidoptera. Ex. Specimens of France, Algiers, New Caledonia, and China.
Méguin, J. P., Pres. Soc. Ent. de France, Vincennes. *Ent.**
Mehier, Camille (fils), Rue Ste. Catherine, 6, St. Etienne. *Coleopt.*
Ménard, l'Abbé, Saint-André-de-Cubzac (Gironde). *Ent.*
Ménard, St. Yves, Sous-Directeur du Jardin Zoologique d'Acclimation, Prof. de Zootechnie à l'Ecole Centrale des Arts et Manufactures, Rue Charles Laffitte, 104, Neuilly sur Seine. *Technical Zool.* C.*
Ménier, Prof. Dr Ch., Place Graslin, 1, Nantes. *Bot.*
Ménier, Rue d'Enghien, 6, Paris. *Geol.*
Mensignac, Edouard de, Rue de la Rouselle, 67, Bordeaux. *Bot.*
Menut, La Rochelle. *Arch.*
Mer, Emile, Avenue Duquesne, Paris. *Bot.*
Mercadier, Inspector of Telegraphs, Rue de Bourgogne, Paris. *Phys.*
Mercey, De Hyères. *Geol.*

Méritens De, Rue Boursault, 44, Paris. *Phys.*
Merle de Massonneau, Antoine, Nerac. *Agric.*
Merlet, Pharmacien, St. Savin (Gironde). *Bot.*
Merliac, Agde. *Con.*
Merlin, Paul, Place Saint-Etienne, Toulouse.
Mersaunne De, Rue Vavin, 13, Paris. *Phys.*
Mesmin, Louis, Morthemer, near l'Hommaizé. *Coleopt.*
Mestre Gaston, Rue de la Chaine, 4, Toulouse. *Ent.: Coleopt.*
Meugy, Rue Madame, 77, Paris. *Geol.**
Meunier, Ussat. *Coleopt.*
Meyer, Jean, Rue de la Bague, 3, Elbeuf. *Coleopt.*
Meyer, L. E., Rue de la Cloche, 13, Rochelle. *Philol., Meteo.*
Meyran, Octave, Rue de l'Hôtel de Ville, 39, Irygny. *Bot.*
Micault, Rue Fardel, Saint-Brienc. *Mic.*
Michard Adrien, Pharmacien de Ire Classe, Ex-interne des Hôpitaux, Lauréat de l'Ecole de Paris, 38, Rue Godefroy, Puteaux (Seine). *Ent.* C. Ex. Wishes insects of America.
Michel, Dr. l'Abbé, Mudaison (Hérault).
Michel, Albin, Rue Neuve-des-Arènes, Nîmes.
Michel, Dr. Edouard, Rue de Rougemont, 11, Paris.
Michel-Levy, Ingénieur au Corps des Mines, Rue d'Aumale, 22, Paris. *Geol., Min. Pedrog.*
Michelon, Dr., Nanterre (Seine).
Miciol, E., Morlaix. *Bot.*
Migneaux, Jules, Rue du Cloître-St.-Merry, 16, Paris. *Coleopt., Nat. Hist.*
Millardet, Prof. de Bot. à la Faculté des Sciences, Bordeaux. *Bot.**
Millien, Achille, Beaumont-la-Ferrière, Nièvre.
Millière, Pierre, Villa des Phalènes, Cannes. *Ent.; Lepid., Habits of Caterpillars.* C.*
Millot, Adolphe, Dessinateur, Rue de l'Arbalite, 11, and Lacépède, 34, Paris. *Nat. Hist., Ent.* C. Ex. Lepid.
Millot, Prof. Arthur, Rue Mazarine, 11, Paris.
Millot, Paul, Place Saint-Jean, 51, Nancy (Meurthe et Moselle). *Bot., Phanerogams.* C. Ex. Plants of Lorraine and Algeria for Graminiæ of France.
Milne-Edwards, Prof. Alphonse, Rue Cuvier, 57, Paris. *Coleopt., Zool., Bot., Nat. Hist.*
Milne-Edwards, Henri, Rue Cuvier, 57, Paris. *Coleopt.*
Mimont, de, Château de la Houssaye, in Fontenay-Trésigny. *Coleopt.*
Mingaud, Galien, St.-Jean-du-Gard. *Coleopt., Bot.*
Miot, Henri, Officier d'Académie, Membre des Sociétés Entomologiques de France, de Suisse, et de Belgique, Correspondant du Musée Royal d'Histoire Naturelle de Belgique, Semur (Côte-d'Or). *Economic Ent.* C Ex.*
Miquel, Observatoire de Mont-Souris, Rue Monge, 12, Paris. *Mic.*
Mirbeck, Dr., St.-Dié. *Coleopt.*
Missol, Rue Montorgueil, 19, Paris. *European Lepid.*
Mocquard, Dr., François, Elève d'Ecole Pratique des Hautes Etudes, Boulevard Saint-Germain, 36, Paris. *Anatomy of the Crustacea.*
Mocquerys, Emile, Rue de la Préfecture, 28, Evreux. *Coleopt., Hymenop.**
Moiguo, F., Dir. des Mondes, 2 Rue de Strasburg, St. Denis, Paris.
Moleyre, Entomologique Muséum, Paris. *Ent.: Coleopt.*
Mollet, Vulfran, Rue Gresset, 12, Amiens.
Mommeja, Jules, Faubourg Sapiae, Montauban. *Arch.**
Monceaux, H., Auxerre. *Coleopt.*
Moncourt, Prof., Lyceum, Rue Pre-Ninan, 1, Nantes. *Math,*
Mondiet, Prof., Lyceum, Mont-de-Marsan.

Mondom, R. P., Prof. Collége Saint-Marie, Saint-Chamond. *Coleopt.*
Moniez, Dr. R., Rue de Fleurs, 18, *bis*, Lille. *Cestoidæ.* C. Ex.
Monnier, Fred., Rue des Cornillons, 11, Châlon-sur-Saône. *European Lepid.*
Monod, Prof. Dr. Charles, Chirurgien des Hôpitaux, Rue Cambacéries, 12, Paris.*
Monod, Léon, Pouilly-par-Inor, Meuse. *Agric.*
Monod, Robert, Rue d'Aumale, 19, Paris. *Bot., Bryol.*
Monnot, Edouard, Lyceum Mans. *Coleopt.*
Monoyer, Prof. M. E. Y., Lyons. *Phys.*
Mons, A., Rue Vergniaud, 49, Bordeaux. *Coleopt.*
Montagne, J. B., Rue de Sambre-et-Meuse, 56 Paris. *Coleopt.*
Montaugé, P. de, Villa Lœtitia, Arcachon.
Montfort, Prof., Dr., Rue Voltaire, 19, Nantes.
Montgazon, Dr. Alphée B. de, Paris. *Bot.*
Montillot, Louis, Rue du Cherche-Midi, 84, Paris. *Coleopt.*
Montlaur, Comte de Rémoud, Château de Poudres, Sommières (Gard). *Agric.*
Montolivo, Abbé, Nice. *Bot.*
Montrouzier, le Père, Lyons. *Gen. Ent.*
Moquin-Tandon, Prof. Gaston, Besançon. *Bot., Zool., Emb.**
Morand, Abbé Laurent, Curé de Maché Chambery (Savoie). *Geol.*
Moreau, Pharmacien, Blois (Loir-et-Cher). *Bot.*
Moreau, Dr. Armand, Rue de Vaugirard, 55, Paris.
Moreau, Ferdinand, Rue Mondenard, 35, Bordeaux. *Orn.*
Morel, Officier de l'Inst. Publique, etc., Carpentras (Vaucluse). C. *Arch.**
Morgan, Jacques de, 72, Rue d'Assas, Paris. *Geol.*
Morière, 40, Rue de Bayeux, Caen. *Geol., Bot.*
Morisse, A., Octeville in Montivilliers. *Coleopt.*
Moritz, Naturalist, Rue de l'Arbre-Sec. 46, Paris. *Coleopt.*
Morlet, Rue de Vincennes, 84, Fontenoy-Sous-Bois.
Mors, Louis, Ingénieur Civil, Rue de Solférino, 4, Paris. *Coleopt., Hymenop., Con.* Ex. and buys, asks lists and prices.*
Mortillet, P. de, Meylans par Grenoble, (Isère). *Agric., Hort.*
Mosse, Dr., Boulevard Saint-Michel, 107, Paris.
Motelay, Léonce, Membre de la Société Botanique de France, et Archiviste Bibliothécaire de la Soc. Linnéenne de Bordeaux, Cours de Gourgues, 4, Bordeaux. *Bot.* C.
Mouchez, Ernest A. B., Mem. Acad. Sci., Dir. Observatory, Paris. *Astronomy.*
Mougel, J. B., Vagney (Vosges). *Orn., Ool.* C. Ex. in Europe only.*
Mougeot, Dr. Ant., Bruyères. *Bot.*
Moulière, Auguste, Rue Rennaise, Laval. *Geol.*
Mouillard, l'Abbé, Réminiac, in Carentoir. *Coleopt.*
Mouillefarine, Ed., Rue Saint-Anne, 46, Paris. *Phæn. Bot.*
Mouillefert, Prof. Agricultural School, Place Monge, 3, Paris.
Moullart, Rue Cozette, 27, Amiens.
Moureau, Prof. G., Cours Saint-Jean, 141, Bordeaux. *Bot., Lepid., Coleopt.* C. Ex. for first-class specimens.
Mouret, Georges, Mem. Soc. Géologique de France, Rue St. Martin, 84, Perigueux. *Geol.* C. Ex.*
Mouriere, Prof. F., von. Caen (Calvados).
Moutin, La Mure (Isère). *Bot.*
Moyet, l'Abbé, Prof. Petit Seminaire, Grenoble. *Palæo., Con., Biol.*
Muller, Frédéric, Prof. Lyceum, Rue Nazareth, 5, Montpellier.
Mulsant, l'Abbé, Prof. Coll., Saint-Chamond. *Coleopt.*
Munier-Chalmas, Sarbonne, Paris. *Palæo.*

Mussat, Emile, Prof. à l'Ecole Nationale de Grignon, Boulevard St. Germain, 11, Paris. *Bot.* Ex. plants of Europe and Algeria for those of N. A.*

Musset, Dr., Grenoble. *Bot.*

Nadaillac, Marquis de, Ancien Préfet, Rue d'Anjou Saint-Honoré, Paris. *Anth., Arch.*

Nadal, Victor, Avenue de l'Observatoire, 19, Paris.

Nadar, Paul, Rue d'Anjou-St-Honoré, 51, Paris. *Coleopt.*

Nansouty, Max de, Rue Saint-Martin, 2, Paris. *Chem.*

Nansouty, Général de, Observatoire Pic du Midi, Bagnères-de-Bigorre. *Meteo., Con.*

Nanteuil, Roger de, Avenue de Villars, 10, Paris. *Coleopt.*

Napoli, David, Faubourg Poissonnière, 98, Paris.

Narcillac, le Comte de, Boulevard des Italiens, 6, Paris. *Coleopt.*

Naudin, Charles, Mem. Acad. Sci., Paris, Dir. du Laboratoire botanique de la Villa Thuret, Antibes (Var). *Phæn. Bot., Lichens, Hort., Agric., Mic., Meteo., Gen. Biol., Anth., Eth., Philol., Ent.: Coleopt.* C.*

Nerville, F. de, Ingénieur des Télégraphes, 116, Boulevard Haussmann, Paris. *Con., Geol., Min., Ent.* C. Ex.

Neumann, L., Château, Fontainebleau. *Bot.*

Neyra, Romain, Tronche, near Grenoble (Isère). *Bot.* C. Ex.

Neyraud, Marcel, Montferrand, near Bordeaux. *Coleopt.*

Niaudet, Alf., 6 Rue de Seine, Paris. *Elect., Electric Batteries, Magneto and Dynamo Machines.*

Nicaise, Prof. Cr., Boulevard Malesherbes, 37, Paris.

Nicklès, René, Rue de Rennes, 59, Paris. *Geol., Min.*

Nicolaï, Rue Ste.-Catherine, 219, Bordeaux. *Con.*

Nicolas, André, Rue Ste.-Brice, 48, Chartres. *Coleopt.*

Nicolas, J., Sec. Hort. Ass., Rue Passet, 10, Lyons. *Coleopt.*

Nicolas, Rue Velouterie, 9, Avignon. *Coleopt.*

Nicolis, Mademoiselle, St.-Mariens (Gironde). *Bot.*

Nivet, Prof. Dr. V., Clermont-Ferrand.

Nivoit, Prof., Ingénieur-en-Chef des Mines, Rue du Bac, 97, Paris. *Geol.*

Nodier, Dr., Rue Saint-Uhel, 2, Lorient. *Ent.: Coleopt.*

Noel, St.-Fleur. *Coleopt.*

Noel, Fr., Rue Désirée, 26, St.-Etienne. *Coleopt.*

Noel, Paul, Chimiste, Rue Panguy, 15, Boisguillaume, near Rouen. *European Lepidoptera.* C. Ex. Lepidoptera for minerals and fossils.

Noguey, Gustave, Rue Chai-des-Farines, 14, Bordeaux. *Orn., Palæo.*

Nolen, Prof., Rue Basville, 10, Montpellier. *Phil.*

Norguet, Anatole de Mardre de, Rue Jemmapes, 61, Lille. *Coleopt.*

Normand, Ch., 51, Rue des Martyrs. *Geog.*

Noroy, Ch., Rue Mexico, 63, Havre. *Chem.*

Nottelle, Rue Reaumur, 49, Paris.

Nou, Michel, Naturalist, Vernet-les-Bains. *Coleopt., Bot.*

Noualhier, Maurice, Laborie, near Limoges. *Coleopt.*

Noulet, Dr., Prof. Sch. Med., Rue du Lycée, 14, Toulouse. *Bot.*

Nugue, l'Abbé A., Villedieu-les-Bailleul, par Trun (Orne). *Coleopt.**

Nylander, Dr., Passage des Thermopyles, 61, Paris. *Crypt. Bot., Lich.*

Obert, Prosper, Roye. *Coleopt.*

Oberthür, Charles, Rennes (Ille-et-Vilaine). *Ent.: Lepid.* Has the complete collections of Boisduval and Guenée.*

Oberthür, René, Rennes (Ille-et-Vilaine). *Ent.: Coleopt.* C. Ex. Offers Coleoptera of all parts of the world.*

Obry, Ernest, Rue des Jacobins, 75, Amiens.

Odier, Georges, Polytec. School, Rue St.-Lazare, 93, Paris. *Coleopt., Hemipt., Lepid.*

Oehlert, D., Bibliothécaire, Laval. *Palæo.**
Olive, G., Rue Montgrand, 14, Marseilles. *Orn., Herpetol., Ent., Con., Bot., Geol., Palæo., Min.*
Oliver, l'Abbé, Dreux, Eure-et-Loire. *Astronomy.*
Olivier, Ernest, Moulins (Allier). *Bot., Zool., Ent.* C. of Botany and Zoology of France, Entomology of Europe, Asia, and Africa. Ex. animals, birds, and plants of France, insects of Europe, and of the north of Africa.*
Olivier, H., Autheuil (Orne). *Lichenology, Mosses.* C. Ex. Lichens of Orne and Calvados for those of other countries.*
Olivier, Louis D., Sc. 90, Rue de Rennes, Paris. *Mic., Bot.*
Ollier de Marichard, Vallon, Ardèch. *Arch.*
Ollier, Prof. Dr., Quai de la Charité, Lyons.
Ollivier, Prof., Dr. Rue de l'Université, 5, Paris.
Orbigny, Henri de, Rue des Beaux-Arts, 12, Paris. *Coleopt.*
Ortlieb, Jean, Croix, near Roubaix. *Chem., Geol.*
Osmont, Auguste, Controleur des Douanes, Rue de Geole, 29, Caen (Calvados). *Ent.: Lepid. Calosoma, Carabus, Chychrus.* C. Ex. Specimens, Carabus, Colosoma, Chychrus, Catocala.
Oster, Rue Bonaparte, 59, Paris. *Malacology.*
Oustalet, Muséum, Rue Bonaparte, 52, Paris. *Coleopt.*
Ozanon, Charles, St.-Emiland in Conches-les-Mines. *Bot.* C.
Ozil, Dr., Lille. *Geol.*
Pagnoul, Prof., Dir. Agric. Station, Arras. *Chem. Bot.*
Pandellé, Louis, Rue du Lycée, 17, Tarbes. *Coleopt.*
Panescorse, Fred., Allées d'Azemas, Draguignan. *Palæo., Con.*
Papillaut, Châtellerault. *Coleopt.*
Paquet, René, Rue de Vaugirard, 34, Paris. *Orn.*
Parat, Rue de l'Arsenal, Rochefort-sur-Mer. *Bot.*
Paris, Vice-Admiral François Edmond, Mem. Acad. Sci., Paris. *Geography and Navigation.*
Parrot, Prof. Dr., Quai Malaquis, 15, Paris.
Partridge, W. Daniel, Dir. de l'Aquarium, Havre (Seine-Inférieure).
Passé, Villa Adriana, Cannes. *Con.*
Passet, Jules, Rue Miromesuil, 60. *Gen. Ent.* C. Ex.*
Passy, Frédéric, Rue Labordère, Neuilly-sur-Seine.
Passy, P. Edmond, Rue Labordère, 8, Neuilly-sur-Seine. *Bot.*
Pasteur, Joseph, Rue de Sèze, 17, Lyons. *Coleopt.*
Pasteur, Louis, Mem. Acad. Sci., Rue d'Ulm, 45, Paris. *Min.*
Paton, Jules, la Chapelle Moche (Orne). *Lepid.**
Patiouillard, Rue de Buffon, 67, Paris. *Bot.*
Paul, Prof. Dr. Constantin, Rue de Cambon, 48, Paris.
Paulin, St. Dizier (Haute Marne). *Pulæo.* C.
Payot, Vén, Chamounix. *Bot.*
Péan, Laval. *Con.*
Peccadeau de Lisle, Lorient. *Coleopt.*
Péchiney, A., Salindres (Gard). *Chem.*
Pécholier, Prof. Dr., Montpellier.
Peligot, Eugène M., Mem. Acad. Sci., Hôtel des Monnaies, Paris.
Pélissier, Emile, Toul. *Coleopt.*
Pellat, Ed., Rue de Vaugirard, 77, Paris. *Geol.*
Pellet, H., Officier d'Académie Laboratoire de Chimie Scientifique, Industrielle et Agricole, 5, Rue Fénélon, Paris. *Chem.**
Pelletan, Dr. Jules, Prof. Histol., et Mic., Univ. de Paris, Boulevard St. Germain, 176, Paris. *Bot., Chem, Mic., Zool., Gen. Biol., Emb., Anat., Articulates, Gen. Ent., Crustacea, Worms, Moll., Radiates, Protozoa, Infusoria.* C. Ex.*
Pelletier, H., Madon, near Blois. *Coleopt.*

Peltier, Edmond, Commerçant, Rue de Monsieur, 18, Reims (Marne). *Ent.: Coleopt.* C. Ex. Insects of Reims for those of other countries.
Penchynat, Dr., Port Vendres (Pyrenées-Orientales). *Con.*
Penet, Léon, Con. Mus. d'Histoire Naturelle, Grenoble (Isère). *Min., Geol., Petrog., Con., Bot., Zool., Arch.*
Peney-Ray, Rue l'Hôtel-de-Ville, 35, Lyons. *Coleopt.*
Pennés, J. A., Rue de Latran, 2, Paris. *Chem.*
Pennetier, Dr. Georges, Directeur du Muséum d'Histoire Naturelle, Rouen. *Zool.*
Penoud, Dr., Lyons. *Bot.*
Peragallo, Al., Nice. *Coleopt.*
Perard, C. A., Montlucon (Allier). *Bot., Vegetable Palæo.*
Périer, Alexandre, Bélesta. *Coleopt.*
Perier-Lefranc, Louis, Fabricant de Couleurs, Quai d'Issy, 21, Issy (Seine). *Lepid.*
Perrens, Prof. Dr., Route de Bayonne, 72, Bordeaux. *Bot.*
Perrett, Rue Hugurie, 12, Bordeaux. *Geol.*
Perrier, de la Bâthie, Eugène, Prof. d'Agric., Albertville (Savoie). *Coleopt., Bot., Hort.**
Perrier, Prof., Muséum, Rue des Saints-Pères, 19, Paris. *Zool., Moll.*
Perrier, Lieut.-Col. François, Mem. Acad. Sci., Rue du Bac, 106, Paris. *Geography and Navigation.*
Perrin, Abeille de, Rue Marengo, 56, Marseilles. *Coleopt., Hymenop.*
Perron, Eugène, Conservateur du Musée, Correspondant du Ministère de l'Instruction Publique, Chevalier de la Légion d'Honneur, Officier d'Académie, Gray (Haute-Saône). *Geol., Palæo., Arch.* C.*
Perrotin, Dir. de l'Observatoire, Nice. *Ast.*
Perroud, Dr., Quai des Célestins, 6, Lyons.
Perroud, Rue Boric, 16, Bordeaux. *Ent.*
Pesier, Edmond, Valenciennes. *Chem.*
Pestre, A. P., Prof. de Sciences Physiques et Naturelles, Institution St. Joseph, Montluçon (Allier). *Phæn. Bot., Min., Herpetol., Coleopt., Mollusks.**
Pestre, Rev. P., Rue de Vaugirard, 104, Paris. *Coleopt.*
Peticlerc, Paul, Géologue, membre de plusieurs sociétés savantes, Rue du Collége, 4, Vesoul (Haute-Saône). *Geol., Palæo., Min., Arch., Photog., Orn.* C. 10,000 spec. fossils.*
Petit, Eugène, Naturaliste préparateur, Rue Porte-Neuve, 47, Pau. *Zool. of the Pyrenees.* C. Ex.*
Petit, Paul, Pharmacien de Ire classe, Laureat de l'Ecole de Reims, Rue des Quatre Vents, 16, Paris. *F. W. Algæ and Diatoms of all countries.* C.
Petrahidez, J., Montpellier. *Agric.*
Petrucci, Ch. Raphael, Ingénieur Economiste, 33, Avenue St. Pierre, Béziers (Herault). *Geol.*
Peulevé, Dr., Rue Lamarck, 15, Amiens.
Peyremal, Prof. Dr., Rochefort. *Bot.*
Peyron, Ed., Rue de Lodi, 47, Marseilles. *Coleopt.*
Phelippot, Th., Bois (Ile de Ré). *Nat. Sci.*
Philibeaux, Gustave, Bligny-sur-Ouche. *Coleopt.*
Philipeaux, Prof., Nat. Hist., Muséum, Paris. *Physiol.*
Philibert, Prof., Aix. *Bot., Mosses.*
Picard, Lieut.-Col., Langres. *Con.*
Picart, Rue Linnée, 10, Paris. *Coleopt.*
Pichez, Dr., Rue Ad'Orbigny, Rochelle. *Medicine, Nat. Sci.*
Pichereau, L., Rue de la Barouillière, 8, Paris. *Coleopt.*
Pichon, St.-Armand-sur-Fion. *Bot., Mycol.*

Pichou, Alfred, Route de Toulouse, 305, Bordeaux.
Piedagnel, Rue des Sablons, Passy, Paris.
Pierre, Prof. Isidore, Dir. Agric. Station, Caen. *Bot.*
Pierrat, D., Naturalist, Gerbamont, near Vagney (Vosges). *Zool., Orn., Ool., Tax., Bot., Ent.: Orthopt.* C. Ex. Mounted birds or skins, dried plants, Orthoptera.*
Pierson, H., Rue Coquillière, 39, Paris. *Coleopt.*
Pignol, Jules, Frueder, Rue des Deux Boules, 7, Paris. *Ent., Zool.*
Pillet, Louis, Place St. Leger, Chambéry (Savoie). *Arch., Palæo., Geol., Min.*
Pilloy, St.-Quentin. *Ast.*
Pinart, Alph. L., Chargé de Mission dans les deux Ameriques, care of the France Geographical Co., Paris, Marquise, Pas-de-Calais, *Arch., Eth.*
Pinefor, Gen., Caron, Rue Cobbst, Paris. *Ast.*
Pinet, Dr., Place de l'Ecole de-Médecine, Paris.
Pinot, R. P., Convent of Coublevie, in Voiron. *Coleopt.*
Piquet, York Street, 2, Jersey. *Coleopt.*
Pissot, Abbey de Longchamps, in Neuilly. *Coleopt.*
Pitre, Cours Saint-André, Grenoble. *Min.*
Place, Henri de, Château de la Rive, Stc.-Gemmes-sur-Loire. *Coleopt.*
Place, Louis de, Angers. *Coleopt.*
Planchon, Prof. J. E., Montpellier. *Coleopt., Bot.*
Planchon, Prof. Gustave, Boulevard St.-Michel, 139, Paris. *Bot.*
Planet, Victor, Grenoble. *Coleopt.*
Planté, Gaston, Rue des Tournelles, 56, Paris. *Phys.*
Plantier, Allard du, Rue Sermorens, Voiron (Isère). *Coleopt.*
Poirault, Georges, Rue des 3 Piliers, 36, Poitiers (Vienne). *Bot., Lichens.*
Poirier, J., Muséum, Avenue du Maine, 43, Paris. *Zool.*
Poirrier, Rue Hauteville, 49, Paris. *Chem.*
Poisson, Jules, Muséum, Rue de Buffon, 63, Paris. *Bot.*
Polle-Deviermes, Léon, Rue de la Ferme-des-Mathurins, 18, Paris. *Coleopt.*
Pollet, Charles-Louis-Joseph, Généalogist, Rue de Tourneville, 33, Havre. *Coleopt.*
Pomarat, l'Abbé, Chavagnac, Saignes. *Coleopt.*
Pomel, Alger. *Geol., Palæo., Bot.*
Pomerol, B., Rédacteur de la Revue, Matériaux pour l'Histoire de l'Homme, 36, Rue des Ecoles, Paris. *Prehistoric Archæology, Palæontology.*
Pommey, Charles, Rue de la Manutention, 3, Dijon. *Coleopt.*
Ponche, Narcisse, Rue Constantine, 6, Amiens.
Poncin, l'Abbé, Mem. Soc. des Sciences Naturelles du Sud-Est, Rue d'Italie, 125, Tour-de-Sin (Isère). *Coleopt.**
Poncin, Prof. à l'Externat, Rue des Vieux-Jesuits, Grenoble. *Coleopt.*
Ponsan, Charles, Toulouse. *Min.*
Ponsd'hauterive, Leopold, Estaing d'Aveyron. *Moll.* C. Birds, Animals, L. and F. W. Mollusks. Ex. for foreign.*
Ponson, A., fils, Quai de la Guillottière, 20, Lyons. *Coleopt.*
Pontain, Prof. Dr., Boulevard Saint-Germain, 256, Paris.
Pontarlier, Prof. Charles, La Roche-sur-Yon (Vendée). *Phæn. Bot.*
Ponte, Dr., Cours Senozan, Voiron (Isère). *Coleopt., Lepid.*
Populus, Dr., Coulanges-la-Vineuse. *Hemipt., Coleopt.*
Porte Orieulx, J. de la, Ingénieur Civil des Mines, 38, Rue de Fleurus, Paris. *Geol., Min., Palæo.* C. Ex.
Portevin Hippolyte, Ingénieur Civil, Ancien Elève de l'Ecole Polytechnique, Rue de la Belle-Bueyre, 2, Reims. *Min.* Wishes specimens of ores of iron, with indication of uses for which they are employed.

Posser, Gustave Oscar, Ingénieur des Arts et Manufactures, St. Ouen de Chouberville, near La Bossille (Seine-Inférieure). *Coleopt., esp. Brenthides of the entire world.* C. Ex. Principally Brenthides, either to buy or ex.
Potier, Prof., Polytechnic School, Boulevard St. Michel, Paris. *Phys., Geol.*
Pouchet, Prof., Rue Edouard-Adam, 6 Montpellier.
Pouchet, Prof. Dr. G., Muséum, Rue Médicis, 5, Paris. *Anat.*
Poucin, Rue Saint-Fort, 11, Bordeaux.
Pouech, l'Abbé, Parviers (Ariège). *Geol.*
Poucnet, Eugène, Landorff (Lorrain). *Coleopt.*
Poujade, Prof., Lyceum, Lyons.
Poujade, Gustave Arthur, Muséum, Rue des Ecoles, 15 Paris. *Ent.: Coleopt.*
Poujol, A., Corinthe-de-Cognin, near Chambéry. *Coleopt.*
Poulain, Prof. Normal School, Versailles. *Coleopt.*
Poussielgue, J. Belmont Tramonet, in Pont de Beauvoisin. *Coleopt.*
Power, Gustave, St.-Auen-de-Thoubreville (Eure), near Bouille (Seine-Inférieure). *Coleopt.*
Power, G., Place Bouvruil, 2, Rouen. *Coleopt.*
Pozzi, Dr. Samuel, Prof. Agrégé à la Faculté de Paris, Place Vendôme, 10, Paris. *Anat., Anth.**
Prarond, Ernest, Abbeyville (Somme).
Pravaz, Dr., Quai des Etroits, 46, Lyons.
Prazmowski, Rue Bonaparte, 1, Paris. *Phys.*
Prevost. Dr., Alençon. *Con.*
Prié, J., Poulignen, (Loire-Inférieure). *Crustacea, Moll.*
Prompt, Dr. P. Y., Polytechnic School, Rue de la Gare, 17, Nice.
Promsy, fils, J., Château-Porcien. *Coleopt.*
Proust, Prof. Dr., Boulevard Malesherbes, 9, Paris.
Pujos, Dr. A., Rue Saint-Sernin, 58, Bordeaux.
Puton, Dr. J. B. Aug., Remiremont (Vosges). *Ent.: Hemipt., Coleopt.* C. Ex. Hemiptera.
Puyraimond, Alfred de, Rue Débray, 36, Amiens.
Pyot, Victor, Gien. *Coleopt.*
Quædvlieg, Louis, Naturalist, Rue de la Goutte-d'Or, Aubervilliers. *Ent.: Coleopt., Lepid., Bot.*
Quatrefages de Bréau, Jean Louis Armand de, Membre de l'Institut, Prof. au Muséum, Paris. *Zool., Anth., Osteol., Photog.* C. of the Muséum. Ex. Crania.*
Quélet, Dr., Hérimoncourt (Doubs). *Bot., Mycol.*
Quétin, Eugène, Rue de Bruys, 9, Marseilles. *Coleopt.*
Quihou, Zool. Gar., Bois de Boulogne, Paris. *Bot.*
Quinquarlet-Debony, Felix, Maison Prado, Carnac (Morbihan). *Hemipt., Galls.*
Quinquaud, Dr., Rue d'Odéon, 5, Paris. *Fungi, Organic Chem., Mic., Gen. Biol., Anth., Coleopt., Protozoa, Infusoria.**
Rabaud, Alfred, Rue Paradis, 101, Marseilles. *Geog.**
Rabot, D. S., Pres. du Conseil d'Hygiène de Seine-et-Oise, Chimiste Expert, Versailles.
Rabourdin, Prof. Lucien, Rue Labodrée, 8, Neuilly (Seine). *Ethnog., Anth., Prehistoric Arch.**
Rafaillac, Margaux. *Astronomy.*
Ragain, Prof. Gustave, Lyceum, Rue de Ségalier, 42, Bordeaux.
Ragonot, Emile L., Banquier, Quai de la Rapée, 12, Paris. *Micro-lepidoptera of the World.* Will determine European micro-lepid. Desirous of receiving Phycidæ from all parts of the world for naming. Ex. Will be glad to receive publications on mic.*

Raingeard, Prof. Dr., Rue Jean-Jacques, 8, Nantes.
Rainneville de, Rue de la Ville l'Evêque, Paris.
Rambaud, Delphin, Loulay, St.-Jean-d'Angely (Charente-Inférieure). *Orn., Tax., Lepid.* C. Ex.*
Rames, Dr. J., Rue d'Aurcignes, Aurillac, Cantal. *Geol.*
Ramond, A., Rue des Ecoles, 38, Paris. *Bot.*
Raoult, Dr. Charles, Raon-l'Etape. *Coleopt.*
Raspail, Eugène, Gigondas (Vaucluse). *Geol., Arch.*
Rataboul, Joseph, Prof. d'Histoire Naturelle, Moissac (Tarn-et-Garonne). *Vegetable Anatomy, Microscopy, Diatoms.* C. Ex.
Rath, Prof. Gherardo, von, Vienna.
Ravet, Ernest, Notaire, Surgeres (Charente-Inférieure). *Marine and F. W. Algæ, Diatoms, Desmids, etc.* C. Ex.
Ravoux, Alfred, Pharmacien, Nyons, Drôme. *Coleopt.**
Rawlings, Ed., Rue Boissière, 26, Paris. *Con.*
Ray, Jules, Muséum, Troyes. *Coleopt.*
Rayet, Prof., Bordeaux. *Phys.*
Raynaud, Dir. Telegraph Lines, Boulevard Saint-Germain, 60, Paris. *Phys.*
Reclus, Prof. Dr., Rue des Saints-Pères, 9, Paris.*
Regimbart, Dr. Maurice, Rue de la Petite Cité, 4, Evreux (Eure). *Entomology and Coleoptera of Europe and of the basin of the Mediterranean, especially Dytiscidæ, Gyrinidæ, Hydrophilidæ, Parnidæ, and Heteroceridæ of the Globe.* C. Ex. Coleoptera of Europe in exchange for specimens indicated above.*
Réguis, Sec. Bot. and Hort. Soc. of Provence, Place St.-Michel, 12, Marseilles. *Bot.*
Réguis, Dr. J. M. F., Naturalist, Allauch, near Marseilles (B. du-Rhone). *Vert. Palæo., Zool., Vert. Anat., Mam., Orn., Herpetol., Ichth., Histol. of Vert.* C. Ex.*
Reich, Louis, Arles-sur-Rhône. *Agric.*
Reiche, Louis, Rue St.-Honoré, 191, Paris. *Coleopt.*
Reinwald, C., Libraire-Editeur, Rue des Saints-Pères, 15, Paris. *Publication of French Scientific Works, and records of Experimental and General Zoology.*
Reiset, Jules, Ecorchebœuf.
Reliquet, Dr., Boulevard de la Madelaine, 17, Paris.
Remy, Jules, Ancien Naturaliste-Voyageur, Louvercy, near Mourmelon (Marne). *Bot.* C. Plants from all parts of the world except the Sandwich Islands. Ex. Offers Ferns of Australia in exchange for American.
Renaud, Georges, Rue Cimarosa, 15, Avenue du Roi-de-Rome, Passy, Paris.
Renaud, J. B., Cours d'Herbouville, 21, Lyons. *Ent.; Coleopt., Hemipt.*
Renault, Dr. B., Muséum, Rue de la Collégiale, 1, Paris. *Bot., Palæo.*
René, Ad., St. André-de-Cubzac (Gironde). *Coleopt., Lepid.*
Renémesnil, Pierre de, Chef de Division à la Mairie-de-Caen, Rue de l'Eglise St.-Julien, 12, Caen (Calvados). *Ent.: Coleopt.* C. Ex.*
Renon, E., Observatoire du Loré, St.-Maur (Seine). *Meteo.*
Renouard, fils, Alfred, Ingénieur, Secrétaire-général de la Société Industrielle du Nord de la France, et de la Société des Agriculteurs du Nord, Rue Alexander Leleux, 46, Lille (Nord). *Agriculture, Textiles of tropical countries.*
Resal, Prof., Polytechnic School, Rue Saint-André-des-Arts, 58, Paris.
Revelière, G., Rue Volney, 45, Angers (Maine-et-Loire). *Mineralogy, Geology, Palæontology.* C. Ex. Minerals and rocks of Bretagne.

Revelière, Jules, Receveur de l'Enregistrement, Rue Volney, 45, Angers (Maine-et-Loire). *Coleoptera of Europe and of the basin of the Mediterranean.*
Reverchon, Elisée, Bollène (Vaucluse). *Bot.*
Reverchon, L., Mazan. *Bot.*
Revil, Pharmacien, Place du Marchet-Couvert, Chambéry (Savoie). *Arch., Palæo., Geol.*
Revon, Louis, Muséum, Annecy. *Bot.*
Rey, Celestin, Econome au Petit Séminaire, Grenoble. *Coleopt., Lepid.*
Rey, Timothée, Nissan, near Béziers (Hérault). *Birds and Mammals.* C.
Rey-Lescure, Faubourg du Moustier, 8, Montauban. *Geol.*
Reynaud, Lucien, Rue de Vendôme, 235, Lyons (Rhône). *Lepidoptera.* C. Ex.
Reynier, Rue Bénouville, 3, Paris. *Phys.*
Rexés, Jarnac-Charente. *Agric.*
Ribadieu, Ferdinand, Cours d'Albret, 83, Bordeaux. *Arch.*
Ribail, Xavier, Rue de Moscow, 39, Paris. *Phys., Chem.*
Riban, Dr., Paris. *Chem.*
Ricame, Pierre Joseph Martin, Pharmacien de Ire Classe, Membre de plusieurs sociétés savantes Françaises et Etrangères, Marsillargues, Montpellier (Hérault).
Richard, Alfred, Cours St.-Bruno, 2, Grenoble (Isère). *Phæn. Bot., Coleopt.**
Richard, Rue Crevier, 13, Rouen. *Chem.*
Richard, Jules, Ancien Procureur de la République, Place Napoleon, 20, La Roche sur Von (Vendée). *Phanerogams, Lichens.* C. Ex. Lichens of France for those of America.*
Richard, l'Abbé Pierre, Vicaire-Général, hydrogéologue au Séminaire, Montlieu (Charente-Inférieure). *Geol.* C.
Richemond, Louis de, Officier de l'Univ., Rue Verdière, 23, Rochelle. *Arch., Philol., History.**
Richer, Dr., Rue Saint-Jacques, 98, Amiens. *Nat. Hist.*
Richer, Henri, Rue de l'Odéon, 12, Paris. *Coleopt., Orn.*
Richer, Henri, Rue St.-Pierre, 3, Chartres. *Coleopt.*
Richet, Prof. Ch., Dir. de la Revue Scientifique, Rue Bonaparte, 5, Paris. *Physiol., Gen. Biol.**
Rigaud, Rue Vivienne, 8, Paris.
Rigaud, Léon de, Ingénieur, Chimiste, Naturaliste, Viroflay (Seine-et-Oise). *Min., Orn., Reptiles, Articulates.* C. Ex. European specimens for those of N. and S. America.
Rigaux, Henri, Rue de l'Hôpital-Militaire, 112, Lille. *Geol.*
Rigolage, Gognin par Chambéry (Savoie). *Orn.*
Ripoche, Diego, care of Dr. Verneau, Boulevard Voltaire, 134, Paris.
Risler, Charles, Rue de l'Université, 39, Paris. *Chem.*
Risler, Edmund, Dir. Nat. Agric. Station, Paris. *Bot., Agric.*
Risler, Eugène, Boulevard Haussmann, 168, Paris. *Agric.*
Riston, Victor, Malzeville, near Nancy. *Geol., Palæo.* C. Ex.
Rivals, l'Abbé de, Mouleau, near Arcachon (Gironde). *Coleopt.* C. Longicorns of the globe. Ex.
Riveau, Charles, Prof. Libre et Maire, Genouillé (Charente-Inférieure). *Gen. Nat. Hist., especially Botany, Entomology.* C. Ex. Plants and insects.*
Rivière, Em., Rue de Sèvres, 139, Paris. *Arch.*
Rizaucourt, Jean-Baptiste, Rue de la Rotonde, 63, Marseilles. *Coleopt.*
Robert, Luc. *Coleopt.*
Robin, Charles, Boulevard Saint-Germain, 94, Paris. *Coleopt.*

Robin, H. A., Préparateur de la Faculté des Sciences, 38 Rue d'Ulm, Paris. *Mammology, Annelids, F. W. Turbellaria, Anatomy.* C. Ex. Mammals in alcohol, Annelids and Turbellaria.*
Robinet, Epernay (Marne).
Roche, Prof. Edouard A., Rue Basse, 6, Montpellier. *Ast.*
Roche, I., care M. H. Mager, Rue d'Aboukir, 11, Paris. *Exploration du Brésil.*
Rochebrune, Prof. de, Nat. Hist. Muséum, Paris. *Zool.*
Rocher, Maximin, Montlouis, near St.-Julien-l'Ars. *Coleopt.*
Rodier, Prof. Emile, Rue Mazarine, 61, Bordeaux. *Gen. Biol.**
Roger, Rue Gresset, 29, Amiens.
Rolland, E., Rue de Rennes, 66, Paris. *Phys.*
Rolland, Fernand, Surgères. *Ent.: Coleopt.*
Rolland, Georges, Ingénieur au Corps des Mines, Quai Voltaire, 23, Paris.
Rolland, Victor, Rue Surcouf, 1, Paris. *Orn., Algæ.* C. Ex. Offers French Algæ for those from all parts of the world.*
Rollet, Prof. Dr., Rue Saint-Pierre, 41, Lyons.
Romans, Baron Fernand de, Château de la Planche d'Andillé, La Ville-Dieu-du-Clain. *Coleopt.*
Ronchail, Privas. *Coleopt.*
Roset, Henri, Pharmacien, Chimiste, Membre de l'Académie Nationale, Rue Jehan-Foucquet, 5, Tours. *Mollusks.* C.
Rossignol, Rue Folie-Mericourt, 12, Paris. *Coleopt.*
Rossignol, L., Rue du Mérisier, 7, Rouen. *Coleopt.*
Rossignol, Orléans. *Bot.*
Rottenstein, Dr. Johann B., Paris.
Roüast, Georges, Quai de la Charité, 23, Lyons. *European Lepid.* C. Ex.
Roubalet, L., Rue St.-Georges, 12, Nancy. *Coleopt.*
Roubertie, Rue de la Devise, 17, Bordeaux. *Bot.*
Rouchy, Jn., l'Abbé, Membre de plusieurs sociétés savantes, Vicaire, Ségur (Cantal). *Bot., Min., Ent.* C. Ex. Offers plants and minerals of the central part of France.
Roudier, Montpellier. *Bot.*
Rouget, Prof. Ch., Nat. Hist. Muséum, Paris. *Phys.*
Rouget, P. Augustin, Rue de la Préfecture, 28, Dijon. *Coleopt.*
Roujon, Prof. A., Clermont-Ferrand. *Bot.*
Rouguié, Aumonier de l'asile d'alienés de Leyme in Lacapelle. *Ent.* C. Ex. Coleoptera.
Roumeguère, Dr. C., Editeur Revue Mycologique, Rue Riquet, 37, Toulouse. *Crypt. Bot., Bibliog., Mycology.* C. Ex.*
Rovon, Con. Mus., Annecy (Haute-Savoie). *Bot., Palæo., Geol., Min., Vert., Moll., Arch., Eth.*
Royer, Charles, Rue des Encommencés, Langres (Haute-Marne). *Coleopt., Lepid.* C. Ex.*
Royer, Madame Clémence, Prof. publiciste Avenue des Ternes, 82, Paris. *Palæo., Geol., Chem., Phys., Gen. Biol., Anth., Arch., Eth., Ethnog., Philol.**
Rouquier, l'Abbé, Leyme, La-Capelle-Marival. *Coleopt.*
Rousseau, Charles, Rue Fondandège, 47, Bordeaux. *Ent.: Coleopt.*
Rousseau, Em., Rue des Ecoles, 44, Paris. *Chem.*
Rousseau, P., Boulevard St.-Germain, 258, Paris. *Chem.*
Roussel, Dr. Théophile, Rue-Neuve-Mathurius, 64, Paris.
Rousselet, L., Boulevard Saint.-Germain, 126, Paris. *Arch.*
Roussille, Albert, Professeur de Minéralogie et Géologie à l'Ecole Nationale d'Agriculture, Grignon, Neauphle le Château (Seine-et-Oise). *Min.* C. Ex. Fossils of Grignon.
Roux, Rue de Pessac, 31, Bordeaux. *Zool.*
Roux, H., Pres. Bot. and Hort. Soc. of Provence, Marseilles. *Bot.*

Rouy, Georges, Membre de la Société Botanique de France, Rédacteur au Naturaliste, Directeur du Comptoir Parisien d'Échange de plantes, Place Bréda, 8, Paris. *Phæn. Bot.* C. 15,000 species. Ex.*

Rouyer, Dr., Laigle (Orne). *Ast.*

Rouzaud, Henri, Licencié es Sciences Naturelles, Préparateur des Cours de Zoologie à la Faculté des Sciences, Montpellier. *Zool., Anat., Histol., Embryology.* Desires L. and F.W. Mollusks of N. America, Antiles, and New Caledonia.

Roze, Ernest, Rue des Feuillantines, 101, Paris. *Bot.*

Rozy, Prof. H., Rue-Saint-Antoine-du-T., 10, Toulouse.

Ruchillot, Naturaliste Préparateur et Directeur du Muséum, Rennes. *All branches, especially Mam., Orn., and Lepid.* C. Ex.

Rucquoy, Alfred, Fayat. *Con.*

Rupin, E., Brive. *Bot.*

Sabatier, Prof., Rue Barthez, 1, Montpellier. *Con.*

Sabatier, Armand, Prof. Zool., à la Faculté des Sciences, Dir. Station Zoologique de Cette, Montpellier. *Bibliog., Zool., Gen. Biol., Emb., Anat., Osteol., Myol., Histol. of Vert., Articulates, Arach., Worms.**

Sabatier-Desarnauds, Beziers. *Bot.*

Sagnier, Henri, Rue de Rennes, 152, Paris. *Agric.*

Sagot, Dr. P. A., Rue des Godrans, 30, Dijon. *Bot.*

Saint-Exupéry, Le Comte de, Rue du Gouvernement Saint-Quentin. *Geography.*

Saint Gal, M. J., Prof. de Botanique à l'Ecole Nationale d'Agriculture de Grand-Jouan Nozay (Loire-Inférieure). *Bot., Sylvaculture, Agricultural Ent.* C.

Saint-Hilaire, Albert Geoffrey, Directeur du Jardin Zoologique d'Acclimation, Neuilly-sur-Seine. *Zool.* C.

Saint-Lager, Dr., Librarian Bot. Soc., Cours de Brosses, 8, Lyons. *Bot.**

Saint-Pierre, Camille, Montpellier. *Agric.*

Saint-Saud, Baron de Aymar d'Arlot, Château de la Velouze, par La Roche-Chalais, Dordogne. *Arch.*

Saint-Quentin, C., Terrasse St.-Pierre, 10, Douai. *Coleopt.*

Saint-Quentin, Prof. Collége, Péronne. *Coleopt.*

Sallé, Auguste, Naturaliste, Rue Guy de la Brosse, 13, Paris. *Coleopt. of America, L. and F. W. Shells, Orn.* C. Ex.

Salleron, J., Rue Pavée en Marais, 24, Paris. *Phys.*

Salmon, Philippe, Membre de la Commission des Monuments Mégalithiques, Rue le Peletier, 29, Paris. *Palæo.* C.

Sancey, Louis, Rue Neuve, 26, Besançon. *Ent.: Coleopt., Lepid.*

Sand, Maurice, Baron Dudevant, Château de Nohant, near La Châtre. *Coleopt.*

Saporta, Le Cte. Gaston de, Aix. *Bot., Geol., Palæo.*

Saquet, H. R. R., Connu sous le pseudonyme Anagramme Nérée Quépat, 34, Rue Vaugirard, Paris. *Orn.*

Sarromejean, B., Cacarens, near Lannepax. *Coleopt.*

Saulcy, Félicien-Henri Caignart de. Rue Châtillon, 3, Metz. *Coleopt.*

Saury, E. J., Rue des Frères, Aurillac. *Coleopt.*

Saury, Jules, Rue Pont-Hérisson, 8, Limoges. *Coleopt.*

Sauvage, Dr. Emile, Rue Monge, 2, Paris. *Zool.*

Sauvage, Louis, Corbie (Somme) *Agric.*

Sauze, Dr. La Mothe, 1st, Héray (Deux-Sèvres). *Bot.*

Savioz, Naturalist, Chamonix. *Coleopt.*

Savoye, Emile, Rue du Bleumouton, 4, Lille. *Geol.*

Say, Léon, Rue la Bruyère, 45, Paris.

Suzerat, Marc, Place St.-Pierre, Limoges. *Coleopt.*

Scalabre, Ferdinand, Naturalist, Ham. *Coleopt.*
Schlernitzauer, Jules, Rue St.-Denis, 221, Paris. *Coleopt.*
Schlumberger, Ch., 94, *bis*, Rue du Four St.-Germain, Paris. *Geol., Palæo.* (*Foraminifera*).
Schlumberger, Gustave, Pau. *Coleopt.*
Schmitt, Prof. Ernest, Lille. *Chem.*
Schneider, Prof., Poitiers. *Bot., Zool.*
Schulhof, Observatory, Paris. *Ast.*
Schutzenberger, Prof., Collége de France, Rue Claude Bernard, 53, Paris.*
Sebert, Lieut.-Col. Marine Artil., Boulevard de Courcelles, 17, Paris. *Phys.*
Sédillot, Charles E., Mem. Acad. Sci., Boulevard St.-Michel, 131, Paris.
Sédillot, Maurice, Membre des Sociétés Entomologiques de France, Belgique, etc., 20, Rue de l'Odéon, Paris. *European and Exotic Coleopt., principally Hydrocanthus Erotylidæ, Trogostidæ, Cleridæ, Heteromera.* C. Ex.
Sée, Prof. Marc, Boulevard Saint-Germain, 126, Paris.
Seize, Pierre, Hôpital St.-Martin, Rue de Récollets, 8, Paris. *Coleopt.*
Selle, de, Avenue de Villars, Paris. *Geol.*
Sénac, Dr. Hippolyte, Rue des Pyramides, 5, Paris. *Coleopt.*
Senneville, Gaston de, Rue de Grenelle-St.-Germain, 52, Paris. *Coleopt.*
Sépulchre, Joseph, Maubeuge (Nord). *Geol.*
Serre, Gaston de, Rue Las-Cases, 8, Paris. *Geol.*
Serrin, V., Boulevard St.-Martin, 1, Paris. *Phys.*
Sériziat, Dr. Epinal. *Coleopt.*
Servain, Dr., Rue des Champs St.-Martin, 49, Angers. *Con.*
Sharbek, Emile, Mensignac. *Ent.: Coleopt.*
Shotte, H., Rue de la République, 4, Rouen. *Lepid. of France.*
Siépi, Pierre, Préparateur Naturaliste au Muséum de Marseille, Ostéologiste de l'Ecole de Médecine, Boulevard de la Madeleine, 59, Marseilles. *Mam., Orn., Herpetol., Ichth., Ent., Tax.**
Signoret, Victor, Rue de Rennes, 46, (Place St.-Germain-des-Près), Paris. *Hemipt.*
Silva, R. D., Chef de Travaux of Analyt. Chem., Central School of Arts and Manufactures, Prof. of Analyt. Chem., Municipal School of Industrial Phys. and Chem. of Paris, Place de la Sarbonne, 4, Paris. *Org., Chem.**
Simon, Eugène, Ancien président de la Société Entomologique de France, président de la Société Zoologique de France, Avenue du Bois-de-Boulogne, 56, Paris. *Arachnology.* C. of Arachnids, with the exception of Acari. Ex.*
Simon J., Redon (Ille-et-Vilaine). *Geol.*
Sinéty, Le Marquis de, Vice-Prés. Société d'Acclimation de France, Rue de Lille, 19, Paris.
Sinot, Prof., Cette. *Phys.*
Sire, Dr. G., Besançon-Mouillière. *Phys.*
Sirodot, Prof. S., Rennes. *Bot.*
Société Anonyme de Fabrication de Produits Chimiques pour les Sciences et l'Industrie, 42–44, Rue des Ecoles, Paris. *Chem., Phys., Met.* C. Ex. Organic Chemistry and Mineralogy.*
Société Géologique du Nord, 1 Rue des Fleurs, Lille (1870). Contains memoirs and important publications.
Société Linnéenne du Nord, Amiens. Contains valuable works on various branches of Natural History.
Société Populaire d'Etudes Diverses, Ernest Gahineau, Rue Garibaldi, 176, Secrétaire; Edouard Villery, Président, Rue du Moulin à Vent, 23, Sotheville-les-Rouen (Seine-Inférieure). *Natural Sciences in general, and their applications. Phys., Anat., Ent., Anth., Palæo.* C. Ex. Mineralogy, Geology, Ethnology, Zoology, Botany.*

Soland, Aimé de, Rue de l'Hôpital, Angers. *Bot.*
Solles, Rue d'Albret, 20, Bordeaux. *Con.*
Sollier, Marius, Longchamps, 83, Marseilles. *Con.*
Songeon André, Rue de Roche, Chambréy (Savoie). *Geol., Phys.*
Souberian, Prof. J. Léon, Montpellier. *Bot.*
Souché, Baptiste, Pamproux (Deux-Sèvres). *Bot., Palæo., Anth., Arch.* C. Ex.*
Souchon, Abel, Bureau des Longitudes, Paris. *Astronomy.*
Sourbien, M. E., Rue Saint.-Lucien, 35, Carcassonne (Aude). *L. and F. W. Shells, Ent.: Coleopt., Lepid., Hemipt., Orthoptera.*
Southomar, L., Rue de la République, 12, Lyons. *Ent.*
Souverbie, Dr., Saint-Martin, Dir. Mus., Cite Bardineau, 5, Bordeaux. *Con.*
Souvolle, Alexandre de Breuil, de Château de Souvolle, Dunle-Palleteau. *Coleopt.*
Stableau, Rue Guilleminot, 29, Plaisance. *Coleopt.*
Staes, Dr., Croix (Nord)). *Geol.*
Stephan, J. M. E., Dir. Obs., Marseilles. *Ast.*
Strapart, Prof. Dr., Impasse du Carrouge, 9, Reims.
Strobl, Hermann, Rue Saint Géry, 6, Valenciennes (Nord). *Chem.**
Sudre, Prof. Louis, La Chapelle, Saint-Mesnin.
Sury, l'Abbé J., Dir. Seminary, Reims. *Coleopt.*
Sylvain, Ebrard, Aciéries-d'Unieux, Loire. *Ent.: Zool.* C.
Tabuteau, Lieut.-Col. A. O., 93d Highlanders, 192 Boulevard St. Germain, Paris.*
Tallon, Raoul, Rue de l'Horloge, Riom. *Coleopt.*
Talrich, Jules, Boulevard Saint-Germain, 97, Paris. *Anat.*
Tannettaz, Prof., Nat. Hist. Muséum, Paris. *Min.*
Tappes, Gabriel, Rue Nollet, 27, Batignolles, Paris. *Coleopt.*
Tardieu, Jules, Rue de Brettes, Limoges. *Coleopt.*
Tarnier, Frédéric, Rue Vauban, 21, Dijon. *Con., Coleopt.*
Tarriel, E., Rue St. Gervais, 6, Rouen. *Ent.: Coleopt.*
Tassel, Raoul, Elbeuf. *Coleopt.*
Taton-Baulmont, Edouard Louis, Rue St.-Jacques, 152, Paris. *Coleopt.*
Taylor, Arthur, Pontgibaud (Puy-de-Dome). *Min.*
Téallier, Clermont-Ferrand. *Agric.*
Teissier, Prof. Dr., Quai Tilsitt, 16, Lyons.
Tisserenc de Bort, Leon, Rue do Grenelle, 60, Paris. *Meteo.*
Telesphore, F., Joseph Vermet, 34, Avignon. *Coleopt., Bot.**
Ternant, Representative of Eastern Tel. Co., Boulevard de Longchamp, 62, Marseilles. *Phys.*
Terquem, Prof. Alfred, Rue Nationale, 116, Lille.
Terquem, Rue de la Tour, 78, Passy, Paris. *Geol.*
Terreil, Rue Royer-Collard, 11, Paris. *Chem.*
Terrier, Prof. Dr., Rue Pigale, 22, Paris.
Terrier, Boulevard Montparnasse, 136, Paris.
Terrier, Prof., Léon, Collége Rollin, Avenue Trudaine, Paris.
Tesseron, Yres-Augustin, Dompierre-sur-mer près La Rochelle. *Bot., Ast.* C. Ex.*
Tessier, Lucien, Kichompré, near Gérardmer. *Coleopt.*
Testoud, A., Cour d'Appel, Grenoble. *Coleopt., Lepid.*
Teulade, Marc, Rue Peyras, 10, Toulouse. *Geog., Nat. Hist.*
Teullieres, Prof., Rue Dupuis-Vendôme, 9, Paris. *Coleopt., Nat. Hist.*
Thenard, Le Baron A. P. E., Mem. Acad. Sci., Place Saint Sulpice, 6, Paris. *Phys.*
Therry, J. J., Rue Mercière, 50, Lyons. *Crypt. Bot., Mycol.**
Theurier, A., Place des Penitents, 8, Lyons. *Chem.*
Thiébaut, Ch., Rue Traverse, 53, Brest. *Bot.*
Thierry, Agric. Inst. of Rhône, Ecully, near Lyons. *Bot.*

Thierry-Mieg, Paul, Rue des Mathurins, 51, Paris. *Ent.: Lepid., Hesperidæ, Noctuidæ, Phalænidæ, of all parts of the world.* C. Ex.*

Thiriez, Prof., Collége, Sédan. *Geol.*

Thoinet, Dr., Rue St. Clément, 44, Nantes. *Bot.*

Tholin, Rev. P. A., Prof. Collége, La Seyne. *Coleopt., Bot.*

Tholin, R. P., Institution St.-Vincent, Senlis. *Coleopt.*

Thollon, Rue Soufflot, 3, Paris. *Phys.*

Thomas, Rue Copernic, 18, Nantes. *Herpetol.*

Thomas, Rue de la Mairie, 9, Brest. *Con.*

Thomas, Emile, Prof. Normal School, Charleville. *Geol.*

Thomas, Louis, Boulevard Heurteloup, 19, Tours.

Thomson, James, Rue de Presbourg, 12, Paris. *Coleopt.*

Tichit, Directeur des Frères, Lapanouse, Canton de Sévérac (Aveyron). *Coleopt.* C. Ex.

Tillet, Paul, Ex-Professeur de Sciences Naturelles, Place des Minimes, Lyons (Rhône). *Bot., Ent.; Coleopt.* C. Ex.

Tilman, Victor, Dir. Sup. Sch., Rue des Lombards, 2, Lille. *Geol.*

Timbal-Lagrave, Ed., Rue Roumiguière, 15, Toulouse. *Bot.*

Tinseau, Robert de, Villa Molitor, Auteuil, Paris. *Coleopt.*

Tison, Dr., Rue des Missions, 31, Paris.

Tissandier, G., Avenue de l'Opéra, 19, Paris. *Chem.*

Tisserand, François-Felix, Mem. Acad. Sci., Paris. *Ast.*

Tisseyre, Albert, Cours du Vingt-neuf-Juillet, 26, Bordeaux.

Toffart, Auguste, Lille. *Geol.*

Topinard, Dr. Paul, Rue de Rennes, 97, Paris. *Anth.*

Torre, Carlo della, Rue Monge, 60, Paris. *Coleopt.*,

Touchet, Georges, Professeur au Muséum, 5, Rue de Médicis, Paris. *Comparative Anatomy, Hist.*

Touguet, Eugène, Landroff, Lorraine.

Toulouse, Adolphe-Bertrand, Rue Ferbos, 31, Bordeaux. *Bot.*

Tourlet, E. H., Chinon. *Bot.*

Tourneville, Albert, Archiviste de la Société Zoologique de France, Rue Monge, 36, Paris. *Herpetology, Mammalogy.* C. Ex. Reptiles and Batrachians of France for foreign, especially those of N. and S. America.*

Tournier, J., Prof. au Collége, Choissy (Ain). *Geol., Min., Arch.* C. Ex. Fossils of France for foreign specimens.

Touyorritch, T., Prof. Geol., Univ. de Belgrade, Serbie. *Palæo., Geol., Min., Lithol.* C. Ex.*

Traidon, Naturalist, Pezenas. *Bot.*

Trécul, Auguste A. L., Mem. Acad. Sci., Hôtel de Londres, Rue Linné, Paris. *Bot.*

Trédille, Prosper, Boulevard de Nantes, 11, Angers (Maine-et-Loire). *Marine and F. W. Algæ, Desmids, Diatoms.* C. Ex.*

Trélat, Emile, Rue Denfert-Rochereau, 17, Paris.

Trélat, Prof. Dr. Ulysse, Rue de l'Arcade, 18, Paris.

Trémeau de Rochebrune, Naturalist, à Angoulême. *Coleopt.*

Triana, Joseph, Actuellement Consul-Général des Etats Unis de Colombie, en France, Ancien Membre de la Commission Corographique de la Nouvelle Grenade (E. U. de Colombie), 10, Boulevard d'Enfer, Paris. *Bot.*

Trihidez, Théodore Auguste, Aumonier de la Flotte Française, 37, Rue de Thillois, Reims (Marne). *Min., Con.* C.

Tripier, Dr. Léon, Rue Childebert, 17, Lyons.

Tromelin, G. le G. de, Château de Roselin, Finisterre près Quimper. *Geol.*

Trosier, Dr., Boulevard de Sébastopol, 111, Paris.

Trouessart, Dr., Dir. Mus. d'Hist. Nat., Prof. au Lycée, Rue d'Alsace, 20, Angers (Maine-et-Loire). *Palæo., Bibliog., Zool., Gen. Biol., Geog. Dist., Vert., Mam., Orn.**

Truchot, Prof., Barrière d'Issoire, 4, Clermont-Ferrand. *Agric., Bot.*

Trutat, Eugène, Conservateur du Muséum de Toulouse, Membre de la Commission des Monuments Mégalithiques, au Ministère de l'Instruction publique, Rue des Prêtres, 3, or Jardin des Plantes, Toulouse (Haute Garonne). *Palæo.* (Glacial Epoch.)

Tuech, Capdenac (Aveyron). *Coleopt.*

Tulasne, Louis R., Mem. Acad. Sci., Paris. *Bot.*

Tuniot, Adolphe, Rue Macquart, 17, Reims. *Invert. Palæo., Lepid., Moll.* C. Ex.*

Turquin, Georges-Hippolyte, Laon. *Coleopt.*

Tuskiewitz, Dr. Diomède, Le Vigan. *Bot.*

Ulysse, Nicolas Hector, Conducteur des Ponts et Chaussées, Rue Velouterie, 9, Avignon (Vaucluse). *Ent., Geol., Con., Arch.* C. Ex.

Umhang, Jean, Directeur du Collége Libre, Lachapelle s. Rougemont (Belfort). *Lepid., Coleopt.* C. Ex. Lepidoptera of France for those of other countries.

Usquin, Emile, Rue Defly, 18, Nice.

Uzac, Alfred, 50, Cours d'Aguitaine, Bordeaux (Gironde). *Coleopt., Lepid.* C. Ex. or buy Curculionidæ or Carabidæ, especially European Carabus.

Vachal, Arthur Louis M. J., Argentat (Corrège). *Coleopt.*

Vaillant, Prof. Dr. Léon, Polytechnic School, Rue de Cursol, 38, Bordeaux. *Zool.*

Valdan, G. O. de, Gén., l'Isle-Adam. *Ent.: Coleopt.*

Valenciennes, A., Avenue de Paris, 317, Saint-Denis.

Valentin, Juge, Montelimar Drome. *Arch.*

Valla, J., Professeur au Séminaire de l'Argentière, Duerne (Rhône). *Coleopt.* C. Ex.

Vallantin, Dr. Henri, Rue Tison d'Argence, 7, Angoulême. *Orn., Lepid.* C. Ex.

Vallée, Gaston, Place Saint-Marie, 7, Rouen. *Orn.*

Vallée, Marcel, Rue de la Gravière, 17, Châlons. *Bot.*

Vallette, René, Rue des Carmes, 1, *bis*, Poitiers. *Coleopt.*

Vallin, Prof. Dr., Boulevard Saint-Michel, 50, Paris.

Valser, Prof. Dr. A., Rue Petit-Roland, 20, Reims.

Van Kempen, Charles, Rue St.-Bertin, Saint-Omer, Pas de Calais. *Zool., Vert., Mam., Orn., Ool.* C. Ex.*

Van Tiéghem, Philippe E. L., Mem. Acad. Sci., de l'Odéon, 20, Paris.

Varenne, E., Rouen. *Bot.*

Vasseur, Boulevard Magenta, Paris, *Geol., Palæo.*

Vaulogé, Marcel, Rue Saint-Sernin, 58, Bordeaux. *Ent.: Coleopt.*

Vaussenat, C. X., Bagnères-de-Bigorre. *Min.*

Vauthier, J. L., Rue de Buffon, 35, Paris. *Zool.*

Vayssiere, Albert, Faculté des Sciences, Marseilles. *Zool.*

Velain, C. H., Boulevard Saint-Germain, 50, Paris. *Geol.*

Vendrely, Champagney. *Bot.*

Vendryes, Rue de Madame, 34, Paris. *Bot.*

Verchère, Ernest A., Rue de Cuire, 86, Argentière (Duerne). *Coleopt.*

Verdin, Ch., Constructeur d'Instruments de Precision pour la Physiologie, Rue Git-le-Cœur, 11, Paris.*

Veret, Dr., Doullens.

Vergnette-Lamotte, Viscount, G. E. A. de, Beaune.

Verin, E., Rue des Cygnes, 13, Cambrai. *Coleopt.*

Verlaque, l'Abbé, La Seyne, near Toulon. *Coleopt.*

Verlot, B., Rue Cuvier, 57, Paris. *Bot.*
Verlot, J. B., Grenoble. *Bot.*
Verne, Jules, Boulevard Longueville, 44, Amiens.
Verneau, Dr. R., Place Voltaire, 6129, Paris. *Anth.**
Verneuil, Préparateur au Muséum, 34, Rue Dauphin, Paris. *Chem.*
Vesque, Dr. Julien, Chef de Travaux à l'Institut Agronomique, Aide-Naturaliste au Muséum, Rue de Mirbel, 4, Paris. *Anat., Vegetable Physiol.*
Vétu, Louis, Rue St.-Joseph, 23, Argentière (Duerne). *Coleopt.*
Vialla, Louis, Rue des Grenadiers, Montpellier. *Agric.*
Viallanes, Dr. Alfred, Prof. School Médecine, Dijon. *Bot.*
Viallanes, Henri, Préparateur à la Faculté des Sciences, Rue de la Clef, 39, Paris. *Histology of Insects.*
Viaud-Grand-Marais, Prof. Dr., Place St.-Pierre, 4, Nantes. *Bot.*
Vibert, le Frére, Grandrieu. *Coleopt.*
Vidal, Olivier, Rue Naujac, 212, Bordeaux (Gironde). *Coleopt.*
Vié, Léonce, Sijan (Aude). *Con.*
Vieillard, Alphonse, Monaco. *Coleopt.*
Vieillard, Eugène, Dir. Bot. Gar., Rue St.-Jean, 245, Caen. *Bot.*
Vignal, Rue Davy, 1, Paris. *Geol., Con.*
Vignard, Henri, Avenue d'Autin, 21, Paris.
Vignier, Boulevard de Sébastopol, 1, Paris. *Con.*
Viguier, Dr. Maurice, Faubourg St. Jaunnes, Montpellier. *Mollusks, alive and fossil.**
Villard, L., Rue Royale, 33, Lyons. *Coleopt. of Europe, Longicorns of the world.* 8,000 species. Ex. Coleoptera for first-class specimens of native and foreign Longicorns.*
Ville, Prof. Georges, Rue de Buffon, 43, *bis*, Paris. *Nat. Hist.*
Ville, Jules, Cours des Casernes, 33, Montpellier. *Chem , Phys.*
Villery, Edouard, Rue de Monlin-à-Vent, 23, Sotteville-les Rouen (Seine-Inférieure). *Geol., Min., Ent.*
Villot, Naturaliste, La Bajatière, Grenoble. *Zool., Geol.*
Vilmorin, H., Boulevard St.-Germain, 149, Paris. *Bot.*
Vimont, M. V., Rue des Martyrs, 64, Paris. *Con.*
Vinot, Prof. J., Cour de Rohan, Paris. *Ast.*
Vion, Michel, Rue du Chemin-Vert, 27, Amiens.
Vion, René, à la Bibliothèque Communale, Amiens. *Nat. Hist.*
Viret, Georges, Paris. *Coleopt.*
Virieu, Wilfrid de, Rue de Varenne, 72, Paris. *Coleopt.*
Vivier, Alfred, Rue Bazoges, Rochelle. *Mechanics.*
Volsins, Comte Georges Gilbert des, 12, Allées des Capucines, Marseilles. *Bot., Hort., Photog.* C. Ex.*
Vuillemin, Georges, Aniche (Nord).
Vulpian, Edme F. A., Mem. Acad. Sci., Paris.
Walker, Boulevard Montebello, Lille. *Mic.*
Wallon, Prof., Lyceum, Rue Cadran-S.-Pierre, Reims.
Warmont, Paul, Lyceum, Louis-le-Grand, Rue du Four-Saint-Germain, Paris.
Wartel, Rue de Lannoy, 35, Lille. *Geol.*
Wattebled, Gustave, Lieutenant 16me Chasseurs, Auxonne (Côte-d'Or). *Con.* C. Ex. shells, mollusks, fossils and tertiaries (Bordeaux) of France for those of other countries.*
Weber, J. B., Dijon. *Bot.*
Weill, University, Rue Roquépine, 20, Paris.
Werlein, Ivan, 11, Rue Git-le-Cœur Boulevard St.-Germain, Paris. *Geol., Min., Crystal., Inorg. Chem., Phys., Mic.* C. Ex.*
Westphal-Castelnau, Montpellier. *Coleopt.*
Wilm, Dr., Boulevard Montparnasse, 82, Paris. *Chem.*

Wimy, Dr. Alfred, Bazaine-sur-Vesles (Aisne). *Anth., Palæo., Arch.*, C. Ex. and sell.
Wingarter, Ch., Bot., Gar. Rochefort. *Bot.*
Wiltz, Georges, Place des Carmes, 46, Rouen. *Chem.*
Wohlgemuth, Jules, Rue de Téméraire, 76, Nancy. *Geol., Min., Crystal.* C.*
Woillez, Dr., Rue de la Chaussée-d'Antin, Paris.
Wurtz, Prof. A., Mem. Acad. Sci., Rue Saint-Guillaume, 27, Paris. *Chem.*
Wynde, Henry Zylof de, Rue des Blancs Mouchons, 39, Douai (Nord). *Orn.* C. Ex.
Wyrouboff, Dr. G., Boulevard Saint.-Germain, 127, Paris.
Xambeu, Capitaine Adjutant Major au 22 Régiment d'Infanterie, Lyons (Rhône). *Coleopt.* C. Ex. Insects of France, of all orders, for those of other countries, especially larvæ and nymphæ.
Yumcan, Béziers (Hérault). *Herpetol.*
Yver, P., Briare. *Coleopt.*
Yvon Villarceau, Antoine J. F., Mem. Acad. Sci., Paris. *Geography and Navigation.*
Zeiller, Paul, Sous-Directeur des Cristalleries Baccarat, Rue de Viller, 92, Luneville (Meurthe-et-Moselle). *Ent., Lepid., Bot.* C. Offers cones of Europe and ferns of Vosges for those of America. Will ex. Lepid of Europe for those of foreign countries.*
Zeiller, René, Ingénieur au Corps National des Mines, Rue de Rennes, 43, Paris. *Vegetable Palæo., Zool., Bot.**
Zuber-Hofer, Charles, Place Wagram, 1, Paris. *Coleopt.*

GERMANY.

Abbe, Dr. Carl E., Prof. Math. and Phys., Univ., Jena.
Abbe, Prof. E., Univ., Jena. *Analyt. Optics, Ast.*
Abendroth, Dr. R., Hohestr, 11, Leipsic. *Coleopt.*
Abendroth, Prof. Dr. W., Schrorrstr, 25, Dresden. *Coleopt.*
Abler, W., Wiesbaden. *Lepid.*
Ackermann, Dr., Cölnstr, 21, Cassel. *Coleopt.*
Ackermann, Prof. Th., Univ., Halle. *Pathol., Anat.*
Adelmann, Dr. Georg B. von, Prof. Emer., Berlin.
Adler, Dr., Schleswig. *Hymenop.*
Ahles, Dr. Wilhelm E., Prof. Bot. and Pharmacy, Polytechnic School, Stuttgart.
Ahrbeck, Hanover. *Coleopt., especially Lamellicorns.*
Alberti, R., Hildesheim. *Bot.*
Albrecht, Dr., Director Gymnasiums, Strasburg.
Albrecht, Dr. P., Docent Univ., Königsberg. *Emb. of Vert.. Osteol., Comp. Anat.*
Albrecht, Prof. Dr. Th., Sectionschef im königl Preuss. geodätischen Institut., Rothenburgstrasse, Berlinsteglitz. *Astronomical Geography.**
Albrich, L., Karuth-Str., 11, Breslau. *Lepid.* C. Ex.
Aldendorf, H., Frauenstr, Münster. *Lepid.* C. Ex.
Aldendorf, H., Jr., Frauenstr, Münster. *Lepid.* C. Ex.
Allgeyer, Privatier, Wiesbaden. *Lepid.*
Althans, Ernst, Obergrath at the Royal Mining Court, Breslau. *Mining and Metallurgy.*
Altum, Prof. Dr., Eberswalde. *Forest Zool., Ent.*
Ambronn, Dr. H., Botanical Institute, Leipsic. *Bot.**

Ammon, Gottfried (Nürnberg). *Lepid.*
Ammon, Dr. Ludwig von, Privat-docent, Technischen Hochschule, Ludwigstrasse, 16, Munich. *Palæo., Geol.**
Andrae, Prof. C. J., Univ., Bonn. *Veg. Palæo.*
Andrae, Prof., Poppelsdorf, near Bonn. *Min.*
Andreae, Archilles, Stud. Geolog., Landstrasse, 23, Bockenheim (Frankfort-on-Main). *Palæo.* Tertiary in Alsace. C.
Andreas, Limburg. *Lepid.*,
Andrée, Ad., Münden. *Bot.*
Andrian-Werburg, Ferdinand F. von, Alt-Aussee.
Angelrodt, Carl, Nordhausen. *Bot.: Ferns, Mosses, Fungi, Lichens, Algæ, Bibliog., Gen. Ent., Moll.**
Angerer, Lieut., Nürnberg. *Lepid.*
Anschuetz, Dr. Richard, Chem. Inst., Popplesdorf, bei Bonn. *Chem.*
Ansorge, Bruno, Burgg., 4, Breslau. *Bot., Chem.*
Apel, Dr., Preetz. *Coleopt.*
Apmann, Dr. Richard, Magdeburg. *Meteo., Geog. Dist., Anth., Eth., Ethnog.**
Arndt, C., Bützow (Mecklenburg). *Moll.*
Arnold Lehrer, Lübeck. *Coleopt.*
Arnold, Carl, Ph.D., Mem. Chem. Lab. d. k. Tierarzneischule, Hannover. *Chem., Meteo., Pharmacy.*
Arnold, Dr. F., Sonnenstrasse, 7, Munich. *Lichens.*
Arnold, Dr. Friedrich, Prof. Emer., Heidelberg.
Arnold, Prof. Georg, Mannheim. *Lepid.*
Arnold, Herm., Nordhausen. *Moll.*
Arnold, Prof. J., Univ., Heidelberg. *Pathol., Anat., and Histol.*
Aron, Dr. H., Docent Univ., Berlin. *Phys.*
Artzt, Marienberg. *Coleopt., Neuropt.*
Arzruni, Dr. A., Min. Museum, Berlin. *Min.*
Ascherson, Dr. P., Prof. Univ., Körnerstr., 9, Berlin. *Bot.*
Askenasy, Prof. E., Univ., Heidelberg. *Bot.**
Assmann, A., Asst. Zool. Mus., Breslau. *Ent.*
Assmann, Dr. R., Wetterwarte der Magd. Zeitung, Magdeburg. *Meteo.*
Aubers, Prof. Dr. Hermann, Rostock. *Gen. Biol., Emb., Physiol.**
Auerbach, Dr. Felix, Prof. Meteo., Royal Univ., Breslau.
Auerbach, Dr. Leop., Prof. Univ., Breslau. *Bot.*
Augustin, Haupt-Lehrer, Höchsdorf, bei Lützenburg. *Coleopt.*
Autenrieth, T. u. G., Stuttgart. *Coleopt.*
Auwers, Prof. Dr., Berlin.
Baader, Friedrich, Frankfort-on-Main. *Geol.*
Babo, Prof. L. von, Univ., Freiburg. *Chem.*
Babo, von., Ph.D., Weinheim, bei Heidelberg. *Ent.*
Bach, Dr., Boppard. *Bot.*
Bachmann, Otto, Königl. Reallehrer, Laboratorium für Mikroskopie, Landsberg am Lech (Bavaria). *Con.* C. Ex. Wishes to receive shells of any kind in ex. for any Microscopic preparations.
Bachmann, Prof. P., Academy, Münster. *Math., Analyt. Mechanics.*
Bachstein, Ernst, Gr. Brüdergasse, Dresden. *Lepid.*
Backhaus, Hermann, Poniatovskystrasse, 7, Leipsic. *Lepid.**
Baden, Dr. F., Altona. *Coleopt.* C. Ex.
Baden, Dr. J. A. T., Blücherstrasse, 33, Altona (Holstein). *Coleopt.* C. Ex.*
Baenitz, Dr. C., Königsberg. *Bot.*
Baeyer, A., Prof. Univ., Munich. *Chem.*
Baeyer, Dr. J. J., Præsident des Königl. Preuss. Geodätischen Instituts und Centralbureaus der Europæischen Gradmessung, Lützow Str., 42, Berlin, W. *Geodesy.**

Bail, Dr. Carl A. T., Prof. Polytechnic School, Dantzic. *Bot.*
Baldamus, Dr. Edouard, Coburg. *Orn., Biol., Caliology, Ool., Ferns., Orchidæ.* C. Ex.*
Balke, Dr., Invalidenstrasse, 42, Berlin, N. *Agric.*
Baltzer, Prof. R., Univ., Giessen. *Analyt. Mechanics, Math.*
Balzer, H. C., Sonderburg. *Physics.**
Banning, Prof. Dr., Minden. *Bot.*
Bansa, Gottlieb, Frankfort-on-Main. *Ast.*
Banse, F., Gymnasiallehrer Prälatenstr., 2, Magdeburg. *Coleopt.*
Barbiche, René-Théodore, Curé à Bionville par Kurzel (Lorraine-Allemande). *Bot., Phanerogams and Cryptogams, especially Mosses, Lichens, Mushrooms, Pseudoneuroptera, L. and F. W. Shells.* C. Ex. Offers plants, odonats, and L. and F. W. shells of Lorraine for the same from all parts of Europe.*
Bardeleben, Prof. Dr. Karl, Jena. *Vert. Emb., Vert. Anat., Anth., Vert., Mam., Osteol., Myol., Histol. of Vert.**
Barentin, Prof. Dr., Grosbaren Str., 14, Berlin.
Barnewitz, A., Brandenburg on the Havel. *Bot.*
Bartels, Dr., Grosbaren Str., 93, Berlin.
Bartels, Carl, Bahnhofstr, 22, Cassel. *European Coleopt.*
Barthel, F. Th., gr. Zohannisstr., 9, I, Hamburg. *Lepid.* C.
Bary, A. de, Prof. Univ., Strasburg (Alsace). *Bot.*
Basler, Dr. W., Offenburg, Baden. *Moll.*
Bastelberger, Lieut. Max, Knoblochgasse, 17, Strasburg. *Europ. Macro-lepid.*
Bastian, Dr. Adolph, Dir. Eth. Museum, Berlin.
Bau, Alexander, 36, Hasenheide, Berlin. S. *Lepid., Coleopt., Diptera.* C. Ex. Will buy Coleopt. of all parts of the world.*
Bauer, Dr., Fulda. *Ent.*
Bauer, Fr., Stuttgart. *Lepid.*
Bauer, Prof. G., Univ., Munich. *Math.*
Bauer, G. H., Chemiker and Botaniker, Alte Jacobstrasse, 167, I, Berlin. *Chem., Bot.* C. Ex.
Bauer, J. Nic., Lehrer, Mosen bei Weida. *German Coleopt.* C. Ex.
Bauer, Prof. M., Univ., Königsberg. *Min.*
Bauernfeind, Dr. C. M. von, Prof. Polytechnic School, Munich.
Baum, Dr. Wilhelm, Prof. Univ., Göttingen.
Baumann, Prof. E., Univ., Berlin. *Physiol., Chem.*
Baumert, Georg., Ph,D., Privat-docent an der Univ., Halle. *Chem.**
Baumgardt, Dr., Potsdam. *Bot.*
Baumgarten, Prof. P., Univ., Königsberg. *Pathol. Anat.*
Baumstark, Prof. F., Univ., Greifswald. *Chem.*
Bause, Prof., Magdeburg. *Bot.*
Bebber, Dr. Jakob v., Seewarte, Hamburg. *Meteo.*
Beck, Weissenburg. *Coleopt.*
Beckers, G., Seminarlehrer, Rheydt. *Lepid., Hymenop., Dipt.*
Beckhaus, Höxter. *Lepid.*
Beckmann, Apotheker, Bassum (Hanover). *Bot.*
Beetz, Prof. Dr. F. W. H. von, Polytechnic School, Munich. *Physics.**
Behn, Dr. Th., Hamburg. *Coleopt.* C. Ex.
Behrens, Wilhelm Julius, Dr. Phil., Redacteur des Botanischen Centrablattes, Göttingen. *Bot., Physiol., Biol., Anat.* C.*
Behrmann, Dr. Carl, Director Elsfleth. *Ast., Meteo., Deviations of the Compass.**
Beinling, Dr., Carlsruhe. *Bot.*
Beinling, Prof. Dr., Gymnasial-Oberlehrer, Breslau. *Gen. Ent.*
Beling, Theodor-Seesenam, Harz. *Phæn. Bot., Dipt., Coleopt.* C. Ex.*

Bellevoye, Ad., Rue du Tour-du-Cloitre, Metz (Lorraine). *Ent.: Hemipt. and Coleopt.*
Benecke, Prof. Berthold, Univ., Königsberg. *Photog., Anat. and Emb. of Vert., Ichth.**
Benecke, Dr. E. W., Professor Universität, Strasburg (Alsace). *Geol., Palæo.*
Benfey, Th., Göttingen.
Bentfeld, Guissan, near Eutin. *Mycol.*
Berendt, Dr. Prof. Fottlieb, Univ., Dorethcenstrasse, 61, Berlin, N. W. *Geol.**
Berendt, Prof. G., Berlin. *Phil.*
Bergemann, Dr. Carl W. S., Berlin.
Berghaus, H. K. W., Potsdam.
Berlepsch, Graf Hans von, Schloss Berlefsh, bei Witzenhausen (Hessen-Nassau). *Orn.* C. Bird-skins, especially of S. and Central America.*
Bernstein, Dr. Julius, Univ., Halle. *Phys.*
Bernthsen, Prof. A., Univ., Heidelberg. *Chem.*
Bernuth, von, Freienwalde. *German Insects.*
Berthold, Dr., Docent, Univ., Göttingen. *German Flora.*
Berthold, v., Dresden. *Lepid.*
Bertkau, Dr. Philipp, Dir. Museum, Poppelsdorf, bei Bonn. *Coleopt.*
Bertram, Rev. W., Brunswick. *Bot., Mosses.*
Besnard, Dr. Anton F., Munich. *Bot.*
Besselich, Nic., Treves. *Moll.*
Bessiger, Max, Höhestr., 19, Leipsic. *Lepid.*
Beutell, Albert, Breslau. *Chem., Min.*
Beuthin, H., Dr., St. Georg, Steindamm, 144, III, Hamburg. *Coleopt.* C. Ex.
Beyer, Dr., Hauptstrasse, 8, Dresden, *Coleopt.* C. Ex.
Beyrich, Prof. Dr. Heinrich E., Univ., Berlin. *Min.*
Bibon, Dr., Gartz. *Coleopt.*
Biedermann, Prof. R., Royal Univ., und Technische Hochschule, Berlin. *Chem.**
Biefel, Dr., Schweidnitz. *Lepid.*
Bieger, Docent, Langendorf, bei Rehmsdorf. *Macro-lepid.* C. Ex.
Birnbaum, Dr. K., Hofrath Prof. Polytechnicum, Carlsruhe. *Chem.*
Birnbaum, Prof. K., Univ., Leipsic. *Agric.*
Birner, Dr. H. F. W., Regenwalde. *Agric. Chem.**
Bischof, G., Wiesbaden. *Lepid., Bot.*
Bischoff, Dr. C., Docent Univ., Würzburg. *Org. and Physiol. Chem.*
Bischoff, Prof. Dr. Theodor L. W. von, Munich. *Anat., Phys.*
Bissinger, Carl, Dr. Phil., Mannheim. *Lepid.*
Bitter, Joseph, Lengsdorf, near Bonn-on-the-Rhine (Prussia). *Coleopt.* C. Ex.*
Blaeser, Lehrer, Landeshut. *Lepid.*
Blankenhorn, Dr. Adolph, Professor der Universität, President der Deutsch. Weinbauer, Carlsruhe (Baden). *Grapes and Grapevines.* C. Ex.
Blasius, Dr. Richard, Brunswick. *Orn.*
Blasius, Dr. Wilhelm, Prof. Technol. Hochschule, Dir. Bot. Gar. and Mus. Nat. Hist., Petrithor-Promenade, 25, Brunswick. *Zool., Mam., Orn., Osteol., Mic.* C. Ex. Wishes mammals and birds of all countries, especially in spirit, skeletons or skins.*
Blauel, Osterade am Harz. *Ent.*
Bleisch, Dr., Stehlen. *Diatoms.*
Bley, C., Dresden. *Bot.*
Blind, Fred., Steinstrasse, Strasburg. *Gen. Ent.*

Blisse, Herm., Lehrer, Brandenburg. *Coleopt.* C. Ex.
Blochmann, Dr. R., Docent, Univ., Königsberg. *Tech. and Analyt. Chem.*
Blomeyer, Prof. A., Univ., Leipsic. *Agric.*
Blücher, F., Lehrer, Georgenkirchstr., 42. *Coleopt.*
Blum, J., Frankfort-on-Main. *Moll.**
Blunschli, J. C., Heidelberg.
Bockholtz, Trèves. *Bot.*
Bodemeyer, Dr. v., Hannover. *Lepid.*
Bodewig, Dr. C., Schilderguasse, 96, II, Cologne. *Chem.*
Bodinus, Dr., Dir. Zool. Gar., Berlin. *Zool.*
Boeckel, Dr. Eugene, Prof. Emer., Strasburg.
Boeckeler, O., Varel. *Bot.*
Boecker, Heinrich, Mikroskopisches-Institut, Wetzlar. *Mic., Macro-Lepid.* C. Ex. Wishes exotic Lepidoptera for microscopic objects.*
Boeckmann, Lübeck. *Lepid.*
Boedeker, Prof. C., Univ., Göttingen. *Chem., Chem. Geol.**
Boekelmann, Lüneburg. *Lepid.*
Boettger, Dr. Oskar, Lehrer der Naturgesch., Seilerstrasse, 6, Frankfort-on-Main. *Herpetology, Living and Fossil Molluska.* C. Ex. Species Pupa and Clausilia, living and fossil.*
Boguslawski, Prof. Dr. Georg v., Hydographisches Amt der Ksrl. Admiralität, Berlin. *Hydrography, Meteo.*
Böhm, Dr. A., Anat. Inst., Königsberg. *Embryology,*
Böhne, Albert, Hohester, 5, Leipsic. *Lepid.*
Bois-Reymond, Prof. P. du. Univ., Tübingen. *Math.*
Bolau, Dr. Heinrich, Director des Zoologishen Gartens, Hamburg. *Zool., especially Mammals and birds.**
Bolle, Dr. C., Leipziger Platz, 14, Berlin. *Bot.*
Bollhorst, Georg, Stadreich, 178, Hamburg. *Min.* C.
Bollinger, Prof. O., Univ., Munich. *Pathol. Anat.*
Bolsmann, pasteur, Gimbte, near Münster. *Coleopt.*
Bonitz, Hermann, Berlin.
Booch-Arkossy, Hans, Erdmannstrasse, 2, I, Leipsic. *Lepid., Prepared Larvæ.*
Borcherding, Fr., 9, Bremerstr., Vegesack, bei Bremen. *Zool., Gen. Biol., Geog. Dist., Anat., Moll.* C. Ex.*
Borggreve, Dr., Dir. Förstakademie, Hamm.
Born, Dr. G., Docent, Univ., Breslau. *Emb. of Vert.*
Born, Max, Mathildenstr., 6, Dresden. *Coleopt.*
Bornemann, Dr. Johann, G., Eisenbach.
Bornträger, Prof. A., Univ., Heidelberg. *Chem.*
Borsch, Prof. Dr., Flottwell Str. f., Berlin, W. *Geod.*
Borst, L., Lehrer, Medolden, near Scherrebeck (Schleswig-Holstein). *Bot., Gramineæ.* C. Ex. Juncus pygmæus, Juncus atricapillus, and Carex trinervia.*
Bortsch, Dr. Eugen, Breslau. *Bot., Min.*
Bose, Dr. Chs. Fr., Ortenberg, Kr. Büdingen. *Coleopt.*
Bösenberg, W., Hamburg. *Arach.* C. Ex.
Bosse, Gymnasiallehrer, Dessau. *Ent.*
Boström, Dr. E., Docent, Univ., Freiburg. *Pathol. Anat. and Histol.*
Böttger, Dr. O., Seilerstrasse, 6, Frankfort-on-Main. *Moll.*
Böttingen, Dr. Carl, Karlstrasse, 38, Munich. *Chem.*
Bouché, J., Botanical Gardens, Bonn. *Bot.*
Bourgeois, Jules, St. Marie aux Mines. *Coleopt.*
Brade, Alexander, Forst (nieder Lausitz), Prussia. *Ent.: Hymenop., Lepid., Coleopt.* C. Ex.*

Branco, Dr., Berlin. *Min.*
Brand, Dr. Ernst, Stettin.
Brandenburger, Joh., Seminerlehrer, Fulda. *Bot., Ent.*
Bratuscheck, Prof. E., Univ., Giessen. *Phil.*
Braun, Prof. C. F., Univ., Strasburg. *Phys.*
Braune, Prof. Chr. W., Univ., Leipsic. *Osteol., Anat.*
Brauner, A., Breslau. *Lepid.*
Braungardt, Dr., Prof. Bot., Agric. Acad., Weihenstephan.
Brauns, Oberlehrer, Schwerin (Mecklenburg). *Coleopt.*
Brauns, Prof. David, Ph.D., M.D., Univ., Halle. *Geol., Min., Palæo.*
Brefeld, Dr. O., Eberswalde. *Bot.*
Brehm, Dr. Alfred E., Berlin.
Brehmer, Dr. W., Lübeck. *Bot.*
Brehmer, Dr. Gustav A., Görbersdorf, near Friedland.
Breitfeld, Alexander, Breslau. *Bot.*
Brenning, Maj. Th., Wittenberg. *Coleopt.* C. Ex.*
Brenske, Ernst, Freienwalde on Oder. *Ent.: Coleopt.* C. Ex.*
Bretschneider, F., Gymnasiallehrer, Holzminden. *Ent.*
Brinkmann, A., Oberlehrer, Walle, near Bremen. *Hymenop.*
Brischke, Hauptlehrer, Zopport. *Hymenop.*
Britzelmeyer, Dr., Augsburg. *Mycol.*
Brock, Dr. Johannes, Privat-docent, Göttingen. *Vertebrates, Zool.**
Brockmüller, Heinrich, Fleischbeschauer, Königsstrasse, 16, Schwerin, *Bot., especially Cryptogams.* C. Ex. Offers Phanerogams and Cryptogams of Mecklenburg, and wishes plants from all foreign lands.
Brösieke, Dr., Louisenstr., 64, Berlin.
Bruck, Emil von, Crefeld. *Coleopt.*
Bruhl, Prof., Lemberg. *Phys., Chem.*
Brunn, Dr. A. von, Docent, Univ., Göttingen. *Osteol., Anat.*
Brunn, Prof. H., Univ., Munich. *Arch.*
Bruns, Prof. Dr. Heinrich, Dir. Sternwarte, Leipsic.*
Brussow, Victoriaschule, Fürstenstr., 14, Berlin. *Lepid.*
Buchal, Gustav, Patschkau (Silesia). *Lepid.* C. Ex.*
Buchenau, Prof. Dr. Franz, Director der Realschule, Bremen. *Bot., Juncaceæ, Butomaceæ, Juncaginaceæ, Mismacea, Morphology, German Flora.* Ex.*
Buchholz, Eberswalde. *Coleopt.*
Buchinger, Prof. Strasburg (Alsace-Lorraine). *Bot.* C. Ex.
Buchka, Dr. C., Docent, Univ., Göttingen. *History of Chemistry.*
Buchman, Prof. Dr., Bremen. *Bot.*
Buchner, Prof. L. A., Univ., Munich. *Pharm. Chem., Toxicol., Pharm.*
Buck, Emil, Ph.D., Constance (Baden). *Bot., Mic., Zool., Protozoa, Infusoria.**
Bücking, Dr. Hugo, Prof. Min. and Geol., Dir. des Min., Mus. und Inst. der Univ., Kiel. *Geol., Min., Crystal., Lithol.* Ex.*
Buckler, Carl, Eisenburg, Saxe Altenburg. *Lepid., Coleopt.* C. Ex.*
Buddeberg, Dr., Director der Realschule, Nassau. *Coleopt.*
Budge, Dr. A., Docent Univ., Greifswald. *Osteol.*
Budge, Prof. Dr. Ludwig J., Univ., Greifswald. *Anat.*
Bunsen, Prof. Dr. R., Univ., Heidelberg. *Chem.*
Burbach, Prof., Gotha. *Gen. Ent.*
Burchardt, Dr., Director des Gymnasiums, Bückeburg. *Coleopt.*
Bürck, Dr. Alphons, Schwarzach, bei Bühl. *Lepid.* C. Ex.*
Bürger, Rector, altes Fischerufer, 40, Magdeburg. *Ent.*
Bürger, Julius, Hainstr., 22, Leipsic. *Lepid.*

Burghardt, Dr., Warmbrunn. *Coleopt.*
Burkhardt, Dr. A., Besselstr., 17, Berlin. *Lepid.*
Burkhardt, Dr. G., Alexandrinenstr., 82*a*, Berlin. *Lepid.*
Burmeister, Heinr., Arnstadt. *Lepid.*
Bütschli, Prof. O., Univ., Heidelberg. *Zool.*
Buttner, R., Burgstrasse, Potsdam. *L. and F. W. Mollusks.* C. Ex. Offers plants and shells of Northern Germany for those of other lands.*
Butschli, Prof. Univ., Carlsruhe.
Buyry, Dr. Louis L., Berlin.
Cabanis, Dr. Jean, Professor, Herausgeber des Journal für Ornithologie, Alte Jacobstrasse, 103*a*, Berlin, S.W. *Orn.*
Caflisch, Prof., Augsburg. *Bot.*
Calix, O., Blumenstr., 25, Berlin, E. *Coleopt.* C.*
Cantor, Prof. G., Univ., Halle. *Math.*
Cantor, Prof. Dr. Moritz, Univ., Heidelberg. *Math.*
Carl, L., Realschule, Pirna. *Orn.*
Carriere, Dr. J., Docent Univ., Strasburg. *Histol. of Animals.*
Carstansen, Prof. E., Sidoniënstr., 4 and 5, Leipsic. *Lepid.*
Carus, Dr. Albert G., Dresden.
Carus, Jul. Victor, M.D., Ph.D., D.C.L., Professor Universität, Querstrasse, 30, Leipsic. *Zool., Comp. Anat.**
Caspary, Prof. R., Univ., Königsberg. *Bot., Mic.**
Ceczatka, Lehrer, Brieg. *Lepid.*
Chauvin, Fräulein Marie von, Freiburg. *Zool., Gen. Biol., Ent., Neuropt.* C.*
Christiani, Dr. A., Prof. Univ., Berlin.
Christoffel, Prof. E. B., Univ., Strasburg. *Math.*
Chun, K., Univ., Carlstrasse, 4, Leipsic. *Zool.*
Claisen, Dr. L., Docent Univ., Bonn. *Chem.*
Clasen, Dr. F. W., Gymnasiallehrer, Rostock. *Ent.*
Claudon, Albert, Membre de la Société d'Histoire Naturelle, Rue Saint-Jean, 5, Colmar (Alsace-Lorraine). *Bot., Geol., Coleopt., only Carabus, Buprestidæ, Cetonidæ, Longicorns.* C. Ex. Plants of Colmar and Alsace, Geological specimens, and Coleoptera as above.*
Claus, Prof. A., Roy. Univ. Freiburg, Breslau. *Chem.*
Clausius, Rudolph, Professor an der Universität and Geheimer Regierungsrath, Bonn. *Physics, especially heat and electricity.**
Clauss, Königslutter, Brunswick. *Macro-lepid of Germany and Helvetia.*
Cohen, Prof. Dr. Emil, Univ., Strasburg. *Petrography.**
Cohn, Prof. Dr. Ferdinand, Univ., Schweidnitzer Stadtgraben, 26, Breslau. *Bot.*
Cohn, Dr. Hermann, Prof. Univ., Schweidnitzer Stadtgraben, 16*b*, Breslau. *Phys., Elect., Mic., Anth.**
Cohnheim, Prof. J., Univ., Leipsic. *Pathol. Anat. and Histol.*
Colombain, Niederbronn, Alsace. *Coleopt.*
Compal, Maj., Hannover. *Lepid.* C. Ex.
Conwentz, Dr. H., Director des West Preuss. National Museum, Dantzic. *Vegetable Palæo., Bot.*
Cornelius, Prof. Dr. Carl Sebastian, Halle (Saxony). *Physics, Elect., Meteo.**
Cornelius, Prof. C., Elberfeld. *Coleopt.*
Cotta, Bernhard v., Freiburg (Baden). *Geol.*
Credner, Ph.D., Prof. Univ., Greifswald. *Geog., Geol., Palæo.*
Crüger, Dr. C., Hohenfelde, bei Hamburg. *Lepid.*
Crumbach, Prof. Gustave, Düsseldorf. *Coleopt.*

Crup, Dr. Z., Custos am. K. Naturalien-Kabinet, Alleenstrasse, 9, Stuttgart. *Entomology, especially development of sight in insects.*
Curtius, Prof. E., Roy. Univ., Berlin. *Arch.*
Czech, Dr., Düsseldorf. *Bot.*
Czeczorzinsky, Adolf, Siebenhufenerstr., 104, Breslau. *Lepid.*
Czeczorzinsky, B., Liebenhufenerstr., 104, Breslau. *Lepid.* C. Ex.
Czerny, Prof. Dr. Vinzenz, Heidelberg. *Gen. Biol., Anat., Auth.**
Czwalina, G., Glettkau, near Oliva, Dantzic. *Coleopt.*
Dames, Prof. Wilhelm, Kgl. Univ., Berlin. C. *Palæo., Strat. Geol., Osteol.**
Daniel, Schwaan (Mecklenburg). *Ent.*
Dannenberg, E., Apotheker, Fulda. *Bot., Lichens, Chem.* C.*
Darmstædter, Dr., Bendlerstrasse, 16, Berlin, W.*
Dauch, Jul., Moritzstr., 16, Dresden. *Coleopt.*
De Bary, Dr Ant., Prof. Univ., Dir. Bot. Gar., Strasburg (Alsace-Lorraine).
De Bey, Dr. M. H., Professor, Arzt Universität, Jacobstrasse, 114, Aix-la-Chapelle. *Ent.: Palæo.* C. Very large number of specimens for ex.
Dechen, H. von, Wirklicher Geheime Rath, Dechenstr., 6, Bonn. *Geol., especially of N. W. Germany.*
Dedekind, Dr. Prof. Richard, Techn. Hochschule, Brunswick. *Math.*
Degenfeld-Schonburg, Kurt Graf von, Eybach, near Geislingen. *Palæo., Mollusks.* C. Ex.
Degenhardt, F., Marktstr., 17, Clausthal. *Europ. Coleopt.* C. Ex.
De la Valette, St. George, Bonn.
Delffs, Prof. Dr. Wilhelm, Univ., Heidelberg. *Chem.* C. Ex.*
Demminn, H., Schwerin. *Ent.*
Detharding, Dr. Georg W., Rostock.
Detmer, Prof. Dr. W., Jena. *Bot.*
Dewitz, Dr. H., Custos am. Zoologischen Museum der Universität, Berlin. *Ent.**
Dickert, Anton, Compervatos, Bahnstrasse, 4, Bonn. C. Plaster Paris models, glass models, prepared spiders, etc.
Dickin, Fr., 80, Musikantenweg, Frankfort-on-Main. *Moll.*
Dieck, Dr. Georg, Ph.D., Zoeschen-Merseburg. *Coleopt., Dendrology, Phæn. Bot.. Ferns, Trees and Shrubs, Min., Crystal* C. Ex. European Coleoptera for rare and new specimens of tree-seeds or crystallized stones.*
Dieffenbach, Ludwig Ferdinand, Chemist, Redacteur des Königl. Dresden Journals, Rosscnstrasse, 45, II, Dresden. *Met.*
Diemar, F. H., Cassel. *Moll.*
Dietrich, Dr. D., Univ., Jena. *Bot.*
Dietrich, F., Lützowstr., 107, Berlin. *Bot.*
Dietz, Herm., Augsburg. *Moll.*
Dietze, Colmar. *Lepid.*
Dietze, Carl, Frankfort-on-Main. *Lepid., spec. Eupithecia.*
Dietzell, Dr. B., Augsburg. *Chem.**
Dihm, Magdeburg. *Lepid.*
Dilthey, Prof. Dr. G., Berlin. *Philosophy.*
Dingler, Dr. Hermann, Custos am. k. Botanischen Garten, Karlstrasse, 61*a*, Munich. *Bot.* Ex. for various specimens of Circæ, or will buy.
Dinkler, C., Hamburg. *Coleopt.* C. Ex.
Dippel, Prof. Dr. Leop., Dir. Bot. Garden, Darmstadt.
Dittman, Lehrer, Puttkammerstr., 20, Berlin. *Lepid.*
Dittrich, Realschullehrer, Breslau. *Gen. Ent.*

Doderlein, Ludwig, Ph.D., Con. Naturhistorischen Museums, Strasburg. *Gen. Biol., Geog. Dist., Anat., Ichth., Sponges.* C.*
Doebner, Prof., Aschaffenburg. *Coleopt.*
Doebner, Prof. O., Royal Univ., Berlin. *Chem.*
Doell, Prof. Dr. J. Ch., Carlsruhe. *Bot.*
Döhring, Dr., Brieg. *Lepid.*
Dohrn, Carl August, Stettin. *Coleopt.*
Dohrn, Dr. H., Lindenstr., 22, Stettin. *Moll.*
Döllinger, Ignatz von, Munich.
Dompzog, S., Hamburg. *Lepid.*
Domrich, Dr. Ottomar, Meiningen.
Doms, Cöslin. *Bot.*
Dorn, Carl, Sidonieüstr., 45, Leipsic. *Lepid.*
Dorn, Prof. Dr. F. E., Grossherzogliche Techn. Hochschule. *Physics.**
Dörnheim, Dr., Docent, Minden. *Ent.*
Drach, Prof. C. A. von, Univ., Marburg. *Math.*
Drechsler, Dr. H. Adolph, Dir. des K. math. Salons, Dresden. *Phys., Meteo., Ast.* C.*
Drechsel, Prof. Dr. E., Königstrasse, 12, II, Leipsic. *Chem.*
Drechsler, Prof. G., Univ., Göttingen. *Agric.*
Dreesen, Pierre, Burg Pfaffendorf. *Bot., Bryol.*
Dreher, Dr. Eugen, Docent an der Universität Halle (Wittenberg), Invalidenstrasse, I, Berlin, N. *General Science.*
Dreisch, Dr., Poppelsdorf, bei Bonn. *Bot.*
Drude, Dr. Oscar, Professor der Botanik am Polytechnikum, Director des Königl., Botanischen Gartens, Dresden. *Bot.* System of plants. Monography of Palm-trees, Geography, distribution of plants.*
Du Bois-Reymond, Geh. Rath, Prof. Dr., Univ., Berlin. *Physiol.*
Dücker, Baron Franz Fritz von, Königl. preussischer Bergrath a. d., Bückeburg. *Geol., Palæo., Prehistoric Arch.* C. Ex.*
Duensing, F., Wiesbaden. *Lepid.*
Duhn, Prof. F. v., Univ., Heidelberg. *Arch.*
Du Moulin, Carl, Graf. Bertholzheim, bei Neuburg. *Phænerogams.*
Duncker, Prof. Dr. W., Marburg. *Moll., Geol., Palæo.*
Durchlaucht, Count Victor von, Mem. Ent. Vereins, Berlin. *Ent*
Dusch, Prof. Dr. Theodor von, Univ., Heidelberg.
Duschanck, Josef, Freiburg. *Gen. Ent.* C. Ex.*
Dussow, Forstmeister, Königsberg. *Coleopt.*
Duval, Mathias, Strasburg.
Ebeling, Prof. W., Magdeburg. *Bot.*
Ebenböck, Prof., Schwanthalerstr., 17, Munich. *Lepid.*
Ebermayer, Prof. Dr., Univ., Munich. *Agric. Chem.**
Eberth, Prof. Z., Univ., Halle. *Histol.*
Ecker, Alexander, Prof. Anat., Univ., Freiburg. *Emb. and Anat. of Vert., Anth., Arch., Eth.**
Eckhard, Prof. C., Univ., Giessen. *Physiol., Emb., Histol.*
Edelmann, Dr. Max Thomas, Privat-docent technischen Hochschule Mitglied der Kaiserl. Leopold Academie der Naturforscher, Inhaber einer physicalisch-mechanischen Werkstätte, Munich. *Phys.*
Edlich, Freimund, Gruna, near Dresden.
Egeling, Gust., Waldemastr., 16, Potsdam. *Gen. Bot., Plant Palæo., Inorg. Chem., Mic., Lepid., Coleopt.* C. Ex.*
Ehlers, Prof. Ernst Heinrich, Univ., Göttingen. *Palæo., Zool., Gen. Nat. Hist.**
Ehrhardt, A., Hamburg. *Coleopt.*
Eichhoff, M., Mülhausen (Alsace). *Coleopt.*
Eichhoff, W., Saarburg. *Coleopt.: Tomicidæ.*
Eichler, Prof. Dr. A. W., Univ., Potsdamerstr., 75, Berlin. *Bot.*

Eichler, Gustav, Hofgärtner Wernigerode, Harz. *Phæn. Bot.: Ferns, Hort., Min., Coleopt., Moll.**
Eidam, Dr. E., Breslau. *Mycology.*
Eidtmann, Prof. Dr. Otto, Tarchalin, bei Bojanowo. *Phys., Math.*
Eiffinger, F., Wiesbaden. *Lepid.* C. Ex.
Eilles, Prof. Jos., Landshut, Bavaria. *Physics, Math.*
Eimer, Prof. Th., Prof. Univ., Tübingen. *Zool.*
Einicke, C., Bot. Gardens, Königsberg. *Bot.*
Eisenlohr, Prof. F., Univ., Heidelberg. *Mechanics, Math.*
Elsner, Dr. Carl F. M., Breslau. *Bot.*
Emmerling, Dr. Adolph, Vorstand der Agriculturchemischen Versuchsstation und Privat-docent der Universität, Dammstrasse, 54, Kiel. *Agricultural and Physiological Chemistry.*
Endrulat, B., Glückstadt. *Coleopt.*
Engel, Dr. Ernst, Invalidenstrasse, 42, Berlin, N. *Bot.*
Engelhardt, B. von, Secrétaire de Collége à St. Petersburg, Russia. Présentement à Dresden, Observatoire Astronomique, Liebigstrasse, 1, Dresden. *Ast.**
Engelhardt, Hermann, Realschuloberlehrer, Schillerstrasse, 16, pt., Dresden. *Palæo.**
Engesser, Dr. H., Docent Univ., Freiburg. *Physical Diagnosis.*
Engler, Dr. Adolf, Prof. der Botanik, Director des Bot. Gartens, Kiel (Holstein). *Phæn. Bot.: Algæ, Phytogeog., Phytopalæo.* C. Ex. Plants of Europe for those of other parts of the world.*
Engler, Prof. Dr. Carl, Polytech. School, Carlsruhe.
Euneper, Prof. A., Univ., Göttingen. *Math.*
Eppelsheim, Dr. Edouard, Grünstadt (Palatinai). *Coleopt.*
Eppelsheim, Friedrich, Grünstadt, Rheinpfalz. *Lepid.* C.*
Erdmann, Prof. Dr. E. O., Lichterfelde, bei Berlin. *Chem.*
Erichsen, H., Flensburg. *Orn., Ool.*
Erlenmeyer, Prof. Dr., Munich.
Erné, Rue des Orphelins, Mülhausen (Alsace). *Coleopt.*
Euffinger, J., Frankfort-on-Main. *Lepid.*
Eulenberg, Dr. Hermann, Berlin.
Eutenburg, Prof. Albert, Hindersinstrasse, 2*a*, Berlin. *Pathol. of nervous diseases.**
Ewald, Dr. A., Docent Univ., Heidelberg. *Histol.*
Ewald, Prof. C. A., Univ., Berlin. *Physiol.*
Ewald, Dr. Julius W., Berlin.
Eyffinger, Georg, Wasserweg, 34, Frankfort-on-Main. *Lepid.* C. Ex.*
Eyrich, Dr. L., Mannheim. *Moll.*
Faber, Carl, Sr., Stuttgart. *Coleopt.*
Faber, Carl, Jr., Stuttgart. *Coleopt. of Europe and China.*
Fack, Lehrer, Mühlhausstr., Kiel. *Coleopt.*
Fager, Hermann, Grossherzolicher Hofgarteninspector, Eisenach (Saxony). *Bot.*
Falck, Dr., Kiel. *Bot.*
Falkenberg, Dr. Paul, Univ., Göttingen. *Bot.*
Farwick, B., Docent, Cleve. *Ent.*
Faubel, J., Lehrer, Coslin *Coleopt., Lepid.*
Faudel, Dr., Rue de Blés, 8, Colmar (Alsace.) *Nat. Hist.*
Faust. Henry, Jr., Uerdingen-on-the-Rhine. *Meteo.*
Fechner, Prof. Dr. Gustav T., Univ., Leipsic. *Physics.*
Feddersen, Dr. Berend Wilhelm, Carolinenstrasse, 5, Leipsic. *Physical Sciences, especially Electricity.**
Fehling, Prof. Dr. H. von, Geh. Rath, Stuttgart. *Chem.*
Fehr, Dr. M., Docent Univ., Heidelberg. *Osteol.*
Feilitzsch, Prof. O. Frhr. von, Univ., Greifswald. *Experimental Phys.*

Fein, Breslau. *Coleopt.*
Fellmann, Charles, Cassel. *Horticulture.*
Felsmann, Dittmansdorf. *Bot.*
Fesca, Dr. M., Docent, Univ., Göttingen. *Agric.*
Fettig, l'Abbé, Matzenheim (Alsace). *Gen. Ent., Coleopt., Lepid.*, spec. *Micro-lepid.**
Feussner, Prof. W., Univ., Marburg. *Analyt. Mechanics, Phys.*
Fick, Prof. A., Univ., Würzburg. *Physiology of Man.*
Fickert, Dr. C., Gymnasial-Oberlehrer, Strasburg. *Arach.*
Fieberg, Dr. E., Michaelkirchplatz, 19, Berlin, S.O. *Chem.*
Fiedler, Dr. Carl A. H., Breslau.
Fiedler, Dr. Alfred, Geh. Med.-Rath., Königl. Leibarzt, Dresden. *Medicine.* Collection of Prehistoric antiquities.
Fietz, Carl, Professor, Altkirch (Upper-Alsace). *Bot., Moll.* C.
Fikentscher, Zwickau. *Coleopt.* C. Ex.
Finger, Dr. Aug., Frankfort-on-Main. *Anth.*
Fingerling, Max, Windmühlenstr., 37, Leipsic. *Lepid.*
Finkler, D., Prof. Agric. Acad., Poppelsdorf, bei Bonn. *Physiol.*
Finsch, Dr. Otto, Bremen. *Orn.*
Fischer, Lödischehofstr., 16, Magdeburg. *European Macro-lepid.* C. Ex.
Fischer, Lehrer Töchterschule, Merseburg. *Ent.*
Fischer, Prof. Dr., Schwerinstr., 21, Berlin, W. *Geod.*
Fischer, Dr. Alfred, Zeiterstrasse, 37, Leipsic. *Bot.*
Fischer, Dr. Emil, Chem. Lab., Akademie, Munich. *Chem.*
Fischer, Dr. Heinrich, Professor Universität, Freiburg (Baden). *Min., Mic., and Arch.**
Fittbogen, Dr. J., Dahme. *Bot.*
Fittica, Dr. Friedrich Bernhard, Privat-docent a. d. Universität, Marburg (Marburg-on-the-Lahn). *Chem.**
Fittig, Prof. R., Univ., Strasburg (Alsace). *Chem.*
Flemming, Dr. Walther, Prof. der Anatomie, Director des Anatomischen Institut, Schlossgarten, 1, Kiel. *Anat., Histol., Morphology and Biology.*
Flesch, Dr. M., Docent Univ., Würzburg. *Anat.*
Flückiger, Prof. Dr. F. A., Strasburg (Alsace-Lorraine). *Botany, Microscopy.*
Flügel, Dr. Felix, Agent Smithsonian Institution, Leipsic.
Flügge, Dr. C., Docent, Univ., Göttingen. *Chem., Physiol.*
Focke, Dr. Wilh. Olbers, Stein, Kreuz 2*a.*, Bremen. *Bot.* Rosaceæ, esp. Rubus, Hybridization. C. Ex. European Phanerogams for foreign Rosaceæ.*
Foerster, Arnold, Prof., Aix-la-Chapelle. *Coleopt.*
Forge, Otto, Schönberg bei Lauban. *Ent.*
Forst, Adolf, Maschstr., 14, Brunswick. *Lepid.*
Forst, R., Hamburg. *Ent.*
Förster, Schönebeck. *Macro-lepid.*
Förster, Prof. Dr. W., Univ., Lindenstrasse, 9, Berlin. *Bot., Ast.**
Forweg, Seilergasse, 9, Dresden. *Coleopt.*
Fraas, Dr. Oscar, Prof. am Königl. Naturalien Cabinet, Stuttgart. *Palæo., Arch.* Ex. Wishes Miocene Mammals for those of Nebraska.
Frank, Regensburg. *Lepid.*
Frank, A., Längswitz-Vorstadt, 294, Amstadt. *Ent.*
Frank, Prof. Dr. A. B., Philippstrasse, 8, Berlin, N. *Plant Physiol.*
Franke, Emil, Oberlehrer, Briez. *Bot., Gen. Biol., Phil.*
Frankenberg, Paderborn. *Coleopt.*
Franz, Dr. Julius, Observator der Universitäts-Sternwarte, Königsberg. *Astronomy.*

Fraustadt, Dr., Ordentlicher wissenchaftlicher Lehrer an der höheren Bürgerschule, II, Breslau. *Phæn. Bot.* Anatomy of plants. C.*

Frege, Prof. G., Univ., Jena. *Analyt. Mechanics, Math.*

Frenzel, Dr. A., Freiburg. *Chem.*

Frerichs, Prof. Dr. Fr. Theod., Director der Med. Klinik der Univ. Geheim ob Med. Rath. im Ministerium, Bismarckstr., 4, Berlin, N.W.

Fresenius, Dr. Carl Remigius, Geheimer Hofrath u. Prof., Director des Chemischen Laboratoriums, Wiesbaden. *Inorganic, Technical, and Analytic Chemistry.*

Fresenius, Heinrich, Ph.D., Docent, Chem. Lab., Wiesbaden. *Agric., Chem.**

Fresenius, Wilhelm, Ph.D., Docent, Chem. Lab., Wiesbaden. *Crystal., Chem., Phys.**

Freyer, Jacobskirche, 25, Augsburg. *Lepid.*

Freytag, Prof., Poppelsdorf, bei Bonn. *Chem.*

Fricke, Dr. Carl W., Docent, Univ., Kiel. *Hort., Geol., Chem., Mic., Zool., Anat., Anth., Osteol., Myol., Histol. of Vert.**

Fricken, Dr. Wilhelm, Königsberg. *Coleopt.*

Fridrici, Edmond, Con. du Mus. d'Histoire Naturelle, 25, Rue de l'Evêché, Metz (Lorraine). *Geol., Min., Moll.* C. Ex.*

Friedel, Ernst, Stadtrath von Berlin und Dirigent des Märkischen Provincial-Museums, Köllnisches Rathhaus, Breitestr., 20, Berlin. C. *Ichth., Con., Anth.*

Friederichsen, L., Generalsecretair der Geographischen Gesellschaft, Admiraliätstr., 3, 4, Hamburg. *Geog., Cartog., Navigation.**

Friedländer, Dr. C., Docent, Univ., Berlin. *Histol.*

Friedrich, Ohlan. *Lepid.*

Friedrich, Dr., Landsberg. *Lepid.*

Friedrich, Dr., Lubeck. *Palæo., Phys.*

Frief, Gustav, Breitestrasse, 37, Breslau. *Lepid.*

Friese, Heinrich, Kirchenstrasse, 1, Schwerin. *Gen. Biol., Hymenop., Apidæ, Dipt., Coleopt.* C. Ex.

Frings, Edouard, Uerdingen. *Coleopt.*

Friren, Auguste Marie Joseph, Prof. de Sciences au Petit-Séminaire, Montigny-les-Metz (Alsace-Lorraine). *Palæo.* C. Ex. Fossils of Metz for Brachiopods and Echinoderms.

Frische, Naumburg. *Ent.*

Frische, Henri, Düsseldorf. *Coleopt.*

Fritsch, Dr., Krausnickstr., Berlin. *Coleopt.*

Fritsch, Dr. Karl von, Prof., Director des Kön. Akademischen Mineralogischen Museums, Halle (Saxony). *Geol.* C. Ex. Offers German Petrifactions of various formations in ex. for Anthozoa, Echinoderms, Crustacea, Vertebrates.*

Fritsch, Prof. G., Univ., Berlin. *Comp. Anat of Vert., Mic., Hist.*

Fritsche, Prof., Freiberg. *Lepid.*

Fritze, R., Apotheker, Rybnik, Ober-Schlesien (Prussia). *Bot., Culture of Alpine plants.* C. Ex. Offers living Alpine plants in ex. for those of the mountains of America and Himalaya.

Fromm, L., Schwerin. *Moll.*

Fromme, Prof. C., Univ., Giessen. *Magnetism, Galvanism.*

Frommann, Prof. C., Univ., Jena. *Emb. of Man, Histol.*

Frommholtz, Neue Friedrichstr., 47, Berlin. *Lepid.*

Froriep, Dr., Docent, Univ., Tübingen. *Histol., Emb. of Man.*

Froriess, Dr. August, Privat-docent, Univ., Tübingen. *Emb. and Anat. of Vert., Histol. of Vert.**

Frucht, A., Apotheker, Hamburg. *Bot.*

Fuchs, A., Bornich, bei St. Goarshausen. *Lepid.* C. Ex.

Fuchs, Dr. Ernst, Lehrer und Vorstand agriculturwissen. Laboratoriums der Landwirthschaftlichen Schule, Keppeln (Schleswig-Holstein). *Analytic Chemistry.* C. Ex. Phanerogams and Mushrooms.
Fuchs, Prof. L., Univ., Heidelberg. *Math.*
Fugner, K., Prof. Normal School, Witten-on-the-Ruhr. *Coleopt.*
Funck, F., Bot. Gar., Leipsic. *Bot.*
Funk, Dr., Dir. Bot. Gär., Bamberg. *Bot.*
Furickheim, Freiherr v., Behrenstrasse, 70, Berlin. *Lepid., Coleopt.*
Fürnrohr, Dr., Regensburg. *Ent.*
Furtwängler, Prof. A., Roy. Univ., Berlin. *Arch.*
Fusy, H., Cleves. *Coleopt.*
Futh, Prof. Louis, Königsberg, Neumark (Prussia). *Con., Bot.* C. Ex. L. and F. W. shells, and F. W. Algæ of Germany for foreign.
Gabriel, Dr. S., Docent, Univ., Berlin. *Analyt. Chem.*
Gad, Dr. J., Docent, a. d. Univ., Würzburg. *Physiology of the nervous system.*
Gaedechens, Prof. R., Univ., Jena. *Arch.*
Gaehtgens, Prof. C., Univ., Giessen. *Med. Chem., Pharm.*
Gaffron, Dr. Eduard, Breslau. *Zool.*
Galle, Prof. Dr. J. G., Roy. Univ., Breslau. *Ast.*
Gallus, Dr., Sommerfield. *Ent.*
Gänge, Prof. Chr., Univ., Jena. *Chem.*
Gansel, Reinhold, Breslau. *Lepid.*
Ganser, Dr. S., Docent, Univ., Munich. *Anat.*
Garcke, Dr. August, Prof. an der Universität und Lehrer am Königl. Botanischen Museum, Friedrichstr., 227, Berlin. *Phæn. Bot.*
Gasser, Dr. E., Docent, Univ., Marburg. *Histol.*
Gaule, Dr. Med. J., Docent, Univ., Leipsic. *Histol.*
Geffoken, Stuttgart. *Lepid.*
Gegenbauer, Prof. Dr. Carl, Univ., Heidelberg. *Anat.*
Geheeb, Adalbert, Apotheker, Geisa, Sachsen-Weimar. *Bryology.* Brazilian Mosses. C. Ex. mosses of Europe, Brazil, Africa, Australia, East Indies, etc.
Geiger, Carl, Ulm (Würtemberg). *Lepid., Coleopt.**
Geilenkauser, Prof. Guillaume, Elberfeld. *Coleopt.*
Geinitz, Prof. E., Univ., Rostock. *Geol., Mic., Min., Physiol.*
Geinitz, Prof. Dr. H. B., Dir. R. Min. Museum, Dresden. *Geol., Palæo., Min.**
Gemminger, Dr. Max, Munich. *Coleopt.*
Gentzke, Dr., Pres. Seidenbauvereins, Bützow. *Ent.*
Genzmer, Halberstadt. *Ent.*
Georgens, Dr. Daniel, Berlin. *Anth.*
Gerber, Regensburg. *Coleopt.*
Gercke, G., Schroederstrasse, 7, Hohenfelde, Hamburg. *Dipt.*
Gerhard, Bernhard, Arndtstrasse, 53, Leipsic. *Lepid.*
Gerhards, Felix, Landgrafenstrasse, 14, Berlin. *Bot.**
Gerhardt, Prof. Dr. Carl I., Gymnasium, Eisleben.
Gerhardt, Julius, Lehrer, Liegnitz. *Phæn. Bot., Fungi, Coleopt.* C. Ex.*
Gerichten, Dr. E. von, Docent, Univ., Erlangen. *Chem.*
Gerlach, Joseph von, Prof. der Anatomie, Universität, Erlangen. *Photography, Anat.* Anatomy of the eyes.*
Gerlach, Leo, Erlangen (Bavaria). *Emb., Anat., Histol of Vert.* C.*
Gerland, Dr. Ernest C. W., Cassel.
Gerland, Prof. Dr. Georg, Univ., Strasburg. *Geog.*
Gerndt, Dr. Leonhard, Oberlehrer, Römerstrasse 21, Zwickau (Saxony). *Geographical distribution of plants.*
Geromont, Fr., Winkel-am-Rhein. *Chem.*

Gerstäcker, Prof. A., Univ., Greifswald. *Ent., Zool.*
Gerstenberger, C. Glob., Königsbrücker pl., 4, Dresden. *Diatoms.*
Gerstl, Max, Frauenhoferstr., 12, Munich. *Lepid., Coleopt.*
Gerth, Reinhold, Breslau. *Lepid.*
Getschmann, Maler, Adalbertstr., 81, Berlin. *Coleopt.*
Guether, Prof. Dr. Anton G., Univ., Jena. *Chem.**
Geyler, Dr. Hermann T., Friedberger Landstrasse, 107, Dir. Bot. Gardens, Frankfort-on-Main. *Palæo.**
Gierke, Prof. J., Univ., Breslau. *Physiol., Histol.*
Gies, Prof. Dr. W., Fulda. *Bot.*
Giesbers, Charles, Düsseldorf. *Coleopt.*
Gieseler, Prof. Agric. Acad., Poppelsdorf, bei Bonn. *Phys.*
Gieseler, H., Inspector Bot. Gardens, Göttingen. *Bot.**
Glan, Dr. Phil., Privat-docent a. d. Universität, Sebastianstr., 75, II, Berlin. *Phys., Meteo.*
Glaser, Dr. C., Worms. *Ent.*
Glitz, Th., Osterstr., 35, III, Hannover. *Lepid.*
Gmelch, F., Munich. *Moll.*
Godeffroy, C., Sr., Hamburg. *Moll.*
Goebel, Prof. Dr. Karl E., Vetshochheimerstr., 6, Würzburg. *Bot.*
Goeppert, Prof. Dr. Heinrich R., Breslau. *Bot.*
Goette, Dr. Alexander, Professor Univ., Rostock. *Zool., Comp. Anat., Evolution.*
Goeze, Dr. Edm., Bot. Gardens, Greifswald. *Bot.*
Goldfuss, Otto, Halle. *Moll.*
Golenz, J., Schönfeld, near Mühlbach. *Bot.*
Goll, Pfarrer, Boetyingen, Baden. *Mosses and Lichens.*
Goltz, Prof. Dr. Friedrich L., Univ., Strasburg (Alsace). *Gen. Biol.**
Goos, Gottlieb, Altona. *Lepid.*
Goppelsroeder, Prof. Dr. Friedrich, Milhausen. *Agric. Chem., Elect.**
Göppert, Prof. H. R., Univ., Breslau. *Botany.*
Gordan, Prof. Dr. P. A., Univ., Erlangen. *Math.**
Goring, Anton, Waldstr., 38c, Leipsic. *Lepid.*
Gossare, W., St. Pauli, Hamburg. *Carabidæ.*
Göthe, R., Geisenheim. *Bot.*
Götte, Prof. A., Univ., Rostock. *Zool.*
Gottsche, Dr. Carl M., Altona. *Bot., Hepaticæ.*
Grabbe, Heinrich, Candidatus philosophiae, Lickwegen, near Bückeburg. *Geol., Palæo.* C. Ex. Offers petrifactions from N. German territories.
Graef, Julius, Wiesbaden. *Coleopt.*
Graetz, Dr., Docent a. d. Univ., Munich. *Math.*
Graf, Realschuloberlehrer, Zwickau. *Coleopt.*
Graff, Dr. Ludwig von, Prof. Zool. an der Forstakademie, Aschaffenburg. *Zool., Worms.**
Gräser, L., Hamburg. *Lepid.* C. Ex.
Grebe, Dr. Carl F. A., Eisenbach.
Greeff, Prof. Dr. Richard, Univ., Marburg. *Zool., Anat.*
Grenacher, Prof. H., Univ., Halle. *Zool.*
Grentzenberg, Rob., Reitbahn, 19, Dantzic. *Macro-lepid.* C. Ex.
Greve, Dr. Eduard, Oldenburg. *Zool., Ichth.*
Greve, Dr. Ludwig, Oldenburg. *Zool., Ent.*
Grieb, E., Ulm. *Ent.*
Griepenkerl, Prof. F., Univ., Göttingen. *Agric.*
Griewank, Dr., Kreisphysicus, Bützow (Mecklenburg). *Medicine, Bot., Coleopt.* C. Ex. Plants of northern and central Germany for European.

Grohé, Prof. F., Univ., Greifswald. *Pathol. Anat.*
Grönland, Dr. Johann, Acad., Dahme. *Bot., Mic.*
Groth, Prof. E., Univ., Strasburg (Alsace). *Phys., Chem.*
Grosschupff, Krutenauerstr., 56, Strasburg. *Europ. Lepid.* C. Ex.
Grosser, Dr., Neumarkt. *Lepid.*
Groth, Prof. P., Univ., Strasburg. *Min., Crystal.*
Gruber, Dr. A., Docent, Univ., Freiburg. *Zool.*
Grün, Auguste, Bot. Garden, Strasburg (Alsace-Lorraine).
Grünhagen, Prof., A. W., Univ., Königsberg. *Histol.*
Gscheidlen, Prof. R., Univ., Breslau. *Med. Chem.*
Gümbel, Prof. Dr. Carl W., Univ., Munich. *Geognosy.*
Gumppenberg-Pöttmes, Karl Freiherr v., Landwehstr., 15, Munich. *Lepid.*
Günther, Prof. Dr. Adam W. S., Ansbach.
Günther, Dr. Rudolph, Dresden.
Gürich, Dr. Georg, Ass't. Bot. Garten, Breslau. *Bot., Geol., Min.*
Gurlt, Dr., Bonn. *Geol.*
Gussfeldt, Dr. Paul, Berlin.
Gutheil, A., Dörnfeld, bei Königsee. *Coleopt.*
Gutzeit, Prof. H., Univ., Jena. *Chem.*
Gysser, Aug., Cattenon, near Dienenhofen. *Moll.*
Haag, G., Dr., Jr., Grüneburg, bei Frankfort-on-Main. *Coleopt.*
Haake, Zwickau. *Coleopt.*
Haas, Otto, Burtscheid, bei Aix-la-Chapelle. *Lepid.*
Haase, Dr. Erich, Asst. Zoolog. Mus., Univ., Breslau. *Myriapoda, Coleopt.*
Habelmann, P., Köpnickerstr., 140, Berlin. *Coleopt.*
Hache, Mittelstr., 17, Berlin. *Lepid.*
Haeckel, Prof. Dr. Ernst, Univ., Jena. *Zool.*
Haenlein, Dr., Regenwalde. *Bot.*
Hagen, Dr. B., Schillerstr., 35, Munich. *Hymenop.*
Hagena, Prof. Karl, Marienstr., 15, Oldenburg. *Bot.: Phanerogams, Fungi.*
Hagens, von, Marienstrasse, 8, Düsseldorf. *Coleopt.*
Hahn, Dr., Alsdorf. *Lepid.*
Hahn, H., Wilhelmstr., 3, Magdeburg. *Coleopt.*
Hähn, Johannes, Präsident der Geflügel Züchter Verein, Halberstadt. *Orn.*
Hahn, Otto, Reublingen Wiert. *Meteo.*
Hahne, A., Wasseralfingen, bei Aalen. *Lepid.*
Halfar, A., Sec. Königl. geol. Laudesanstalt, Invalidenstrasse, 14, III Stock, Berlin, N. *Invert. Palæo., Strat. Geol., Zool., Gen. Biol., Anat. of Vert. and Invert.**
Halfern, Fr. v., Kurbrunnenstr., 1, Burtscheid, near Aix-la-Chapelle.
Hallas, V., Cand. Pharm., Sonderburg. *Bot.*
Haller, G. O., Ph.D., Putbus in Rügen, Prussia. *Bot., Palæo Geol., Min., Zool., Gen. Biol., Emb., Articulates.* C. Ex.*
Hallier, Prof. Dr. Ern., Univ., Jena. *Bot.*
Hamdorf, Dr., Oberlehrer, Guben. *Coleopt.*
Hansen, Dr., Bot. Inst., Erlangen. *Bot.*
Hargenbeck, Hamburg. *Dealer in large animals; supplies Menageries, etc.*
Harnack, Prof. Erich, Univ., Halle. *Pharm., Physiol. Chem.**
Harold, B. E. von, Barerstrasse, 52, Munich. *Ent.*
Harrach, Count Ernst, Lüben. *Agric., Mic., Zool., Orn., Ool., Ent.: Coleopt.* C.*
Hartmann, Prof. Dr., Margarethenstr., 8, Berlin.
Hartnack, Prof. Dr. E., Potsdam. *Mic.**

Hartig, Dr. Robert, Universitäts Prof. ordin., und Vorstand des Forstbotanischen Instituts, Arcisstrasse, II, 2, Munich. *Forest Bot. and Pathol. of Plants.* C.*
Hartlaub, Dr. Carl J. G., Bremen. *Orn.*
Hartwig, Dr. E., Sternwarte, Strasburg. *Ast.*
Harz, Dr. C. O., Prof. der k. Centralthierarzneischule, Munich. *Bot.**
Hase, Bernhard, Wolgast. *Coleopt.*
Hase, H., Lüneburg. *Lepid.*
Haskarl, Dr. Justus Karl, Mitglied der Königl. Akademie der Halle, Saxony, Vierpagweg, Cleves. *Bot.* C. Ex. Plants of Germany for those of America.
Hasse, Prof. Dr. Carl, Univ., Breslau. *Anat.*
Hasse, W. A., Witten (Westphalia). *Bot.* C. Ex.
Hassel, Otto, Helmstedt, Brunswick. *Ent.*
Hauchecorne, Wilhelm, Dir. d. k. Bergakademie, Berlin. *Geol.*
Haupt, Dr., Inspector Nat. Cabinet, Bamberg. *Moll., Bot.*
Haupt, W. Albert, Chemnitz. *Bot.*
Hauser, Friedrich, Munich. *Ent.*
Hauser, Dr. Gustav, Asst. Pathol.-Anat. Inst., Erlangen. *Zool., Gen. Biol., Emb., Anat., Osteol., Myol., Histol. of Vert., Articulates, Ent.**
Hausknecht, Prof. C., Weimar. *Bot.*
Haverkampf, Fritz, Konsdorf, bei Elberfeld. *Lepid.* C. Ex.
Hechel, Wilhelm, Lehrer an der Höheren Töchterschule, Brandenburg-on-the-Havel. *Systematic and Geographical Bot., Equisetum.* C.
Hecht, Dr., Sanitätsrath, Stralsund. *Coleopt.*
Hecht, Wilh., Lehrer, Brandenburg. *Coleopt., Lepid.*
Hedenus, Th., Neureudnitz, bei Leipsic. *Lepid.*
Hegelmaier, Dr. Christian F., Prof. Bot., Univ., Tübingen.
Hegewald, H., Cantor-in-Hakenstedt, bei Erxleben. *Coleopt.* C. Ex.
Heiden, Prof. Edouard, Pommritz. *Bot.*
Heidenhain, Prof. R. P. H., Univ., Breslau. *Physiol., Histol., Mic.*
Heidenreich, Dr., Tilsit. *Bot.*
Heidenreich, Inspec. Bot. Gar., Münster. *Bot.*
Heidepriem, Dr. F., Dir. Agric. Stat., Cœthen. *Bot.*
Heidorn, Dr., Calculator der Königlichen Sternwarte, Göttingen. *Ast., Meteo.*
Heiland, Lehrer, Winterkasten, bei Lindenfels. *Ent.*
Heiland, G., Lyohen, near Brandenburg. *Bot.* C. Ex.
Heimburg, H. v., Adjutant, Moltkestrasse, 8, Oldenburg. *Con.**
Heinemann, Aix-la-Chapelle. *Coleopt.*
Heinhold, J., Munich. *Nat. Hist.*
Heinke, Dr. Friedrich, Oldenburg. *Zool., Ichth.*
Heinrich, Prof. Dr., Dir. Agric. Stat., Rostock. *Bot.*
Heinzel, Prof. Dr., Agric. Gar., Proskau. *Bot.*
Heiss, Frankfort-on-Main. *Bot.*
Heling, H., Osthofenstr., Soest. *Ent.*
Hell, Dr. C., Prof. and Polytechnicum, Stuttgart. *Chem.*
Heller, Prof. Dr. Arnold, Kiel. *Mic., Gen. Biol., Histol. of Vert., Arach., Worms.**
Hellman, Dr. Gustav, Königl. Meteorologischen Institut (Abtheilung d. k. Statistichen Bureaus), Berlin, S.W. *Meteo.* Library. Ex.
Hellriegel, Prof. Dr., Bernburg. *Bot., Agronomy.*
Hellwald, Fredrich von, Reinburgstrasse, 42, Stuttgart. *Anth.*
Helm, Otto, Poggenph, 88, Dantzic. *Coleopt.*
Helmholtz, Prof. H., Roy. Univ., Berlin. *Phys., Math.*
Helms, Alwin, Burggarten, No. 1, Hamburg-Borgfelde. *Sells Ferns, Lycopods and eggs of birds from New Zealand.*

Hempel, C. Ed., Chemnitz. *Bot.*
Hendess, Stettin. *Lepid.*
Henke, C. K., Saupsdorf (Saxony). *Zool.**
Henke, Prof. Ph. W. J., Univ., Tübingen. *Anat., Osteol.*
Henle, Prof. Dr. F. G. J., Univ., Göttingen. *Anat.*
Henneberg, Prof. Dr. W., Göttingen. *Chem.*
Henning, Louisenstr., 54, Berlin. *Lepid.*
Hennings, P., Roy. Bot. Museum, Berlin. *Bot.*
Hensen, Prof. Dr. Victor, Univ., Kiel. *Phys.*
Herber, Wiesbaden. *Coleopt:* C. Ex.
Herbst, Dr. Gustav, Weimar.
Herbst, Prof. H. F. W., Univ., Göttingen. *Physiol.*
Hering, Prof. Dr. Edward A. von, Stuttgart.
Hering, Prof. Dr. Hermann, gr-Wollweberstrasse, 29, Stettin. *Ent.: Lepid.* C. Ex.*
Hering, O., Düsseldorf. *Bot.*
Hermann, Fried., Karlstr., 13, Munich. *Dipt.*
Hermann, R., Proskau. *Bot.*
Hermes, Dr., Dir. Aquariums, Berlin.
Herpell, Gustav, St. Goar-on-the-Rhine. *Bot.* C. Ex. Mosses of Europe for those of other countries.*
Herrmann, Dr. F., Docent, Univ., Würzburg. *Analyt. Chem.*
Herter, Dr. Erwin, Privat-docent, Univ., Johannisstrasse, 3, Berlin. *Org. Chem., Gen. Biol., Anth., Physiol.**
Hertwig, Pyrmont. *Ent.*
Hertwig, Prof. B. Univ., Jena. *Anat., Physiol.*
Hertwig, Prof. R., Univ., Königsberg. *Zool.*
Hertwish, Prof. Dr., Carlstr., 26, Berlin.
Hertz, Dr. M., Prof. Philol., Roy. Univ., Breslau.
Herzfeld, K., Dr., Stuttgart. *Coleopt.*
Hess, Prof A. E., Univ., Marburg. *Math.*
Hesse, Prof., Univ., Munich.
Hesse, P., Backerstrasse, 20, Nordhausen am Harz. *Moll.* Ex. European land shells for slugs from any part of the world.*
Hesse, Dr. R., Marburg. *Bot.*
Hesselbarth, Dr., Hartha. *Bot.*
Hettner, Prof. G., Univ., Berlin. *Math.*
Hetzer, G., Dresden. *Coleopt.*
Heydemann, Prof. H., Halle, Saxony. *Arch.*
Heyden, Dr. Lucas von, Königl. Preuss. Hauptmann, Schlosstrasse, 04, Brockenheim, near Frankfort-on-Main, Prussia. *Entomology, especially Coleoptera of Europe, N. Africa, Asia, and Siberia.* C. American Carabus, Cychrus, Calosoma desired for European.
Heydenreich, Osnabrück. *Lepid.* C. Ex.
Heyer, H., Darmstadt. *Coleopt.*
Heyn, Karl, Plantagenstrasse, 5, Berlin, N. *Lepid.* C. Ex.
Heyne, Ernst, Haspitalstr., 19, Leipsic. *Ent.: spec. Lepid.*
Heyneman, D. F., Pres. Dutschen Malacozool. Gesell, 53, Schifferstr., Frankfort-on-Main. *Moll.**
Hiemmeran, Dr. Adam, Frankfort-on-Main. *Eth.*
Hiendlmayr, Anton, Schwanthalerstrasse, 10, III, Munich. *Hymenop., Dipt.* C. Ex.*
Hild, Eduard, Königl. Universitäts Gärtner, Kiel, Schleswig-Holstein. *Bot.*
Hildebrand, Prof. F., Univ., Freiburg. *Bot.*
Hildebrandt, Carl, Ph.D., Gymnasial-lehrer, Eichendorffstr., 4, Berlin, N. *Phys., Elect., Meteo., Orn.**
Hilgendorf, Dr. Franz M., Zool. Mus., Berlin.

Hilger, Prof. A., Roy. Univ., Erlangen. *Chem*
Hille, Dr. L., Marburg. *Moll.*
Hiller, Demminerstr., 2, Berlin. *Coleopt.*
Hiller, Lehrer, Brieg. *Lepid.*
Hilpmann, G., Schwabach, bei Nuremburg. *Ent.: Lepid.**
Himly, Prof. C., Univ., Kiel. *Chem.*
Himstedt, Dr. F., Docent, Univ., Freiburg. *Analyt. Mechanics.*
Hinrichsen, Prof. N., Schleswig. *Bot.*
Hintz, Dr. Ernst, Docent am Chemischen Laboratorium, Wiesbaden. *Chem.*
Hirn, Gustave Adolphe, Correspondant de l'Institut de France, Boulevard du Hohlandsberg, 10, Colmar (Alsace). *Physics and Mechanism.*
Hirschfeld, Prof. G., Univ., Königsberg, Prussia. *Arch., Meteo.*
Hirt, Kammerau, bei Schweidnitz. *Ent.*
Hirt, L. Prof. Dr., Teichstr., 7, Breslau. *Gen. Ent.*
Hirzel, Christoph Heinrich, Ph.D., Prof. Univ., Leipsic, Plagwitz, bei Leipsic. *Chem.**
His, Prof. W., Univ., Leipsic. *Histol., Emb. of Vert., Mic*
Hittorf, W., Münster. *Phys.*
Hochstetter, W., Bot. Gardens, Tübingen. *Bot*
Hoege, Hamburg. *Ent.*
Hoeger, Landeshut. *Lepid.*
Hoeme, Alphonse, Oberblasewitz, bei Dresden. *Bot.* C
Hoffmann, H., Breslau. *Lepid.*
Hoffmann, Prof. H., Univ., Giessen. *Bot.*
Hoffmann, Dr. Julius, Stuttgart. *Lepid.*
Hoffmann, Dr. O., Blumenthalstr., 1, Berlin. *Bot.**
Hoffmansegg, Count, Dresden.
Hofmann, Prof. A. W., Univ., Berlin. *Org. Chem.*
Hofmann, Ernst, Ph.D., Custos K. Naturalien-Kabinet, Stuttgart. *Biol. of Ent.* Exchanges for the Museum.*
Hofmann, Dr. Franz Adolf., Prof. und Dir. des Hygienischen Instituts der Univ., Emilienthstr. 15, Leipsic. *Geol., Meteo., Gen. Biol.**
Hofmann, Prof. Ph., Eichstädt. *Ent.*
Hohl, Prof. Univ., Tübingen. *Math.*
Hohnerlach, Seegeberg. *Coleopt.*
Hokapfel, Dr. Eduard, Docent, Hochschule, Aix-la-Chapelle. *Palæo., Geol.**
Holbein, Frau Alma, Apolda. *Lepid.*
Holdefleiss, Dr., Breslau. *Bot.*
Holdefleiss, Prof. F., Univ., Breslau. *Agric. Chem.*
Holder, Dr. Hermann F. von, Stuttgart.
Hollandt, W., Richstanwalt, Lessings Platz, 10*a*, Brunswick. *European Eggs.* C. Ex.
Hollenberg, W., Mühlheim. *Ent.*
Holler, F., Kgl. Bezirksarzt, Memmingen (Bavaria). *Bryology.* C. Ex. Mosses, especially of Bavaria, Central Tyrol, and Switzerland.
Höllmer, Hollenbeckerstr., Münster. *Lepid.* C. Ex.
Holtz, G., Bot. Garden, Hamburg. *Bot.*
Holtz, L., Bot. Gardens, Greifswald. *Bot.*
Holtz, W., Ph.D., Privat-docent an der Univ., Greifswald. *Phys.**
Holzapfel, Dr. E., Technischen Hochschule, Aix-la-Chapelle. *Palæo., Geol.*
Hölzer, Dr., Univ., Göttingen. *Agric. Chem.*
Holzhaus, Oberlehrer, Unteroffizierschule, Marienberg. *Coleopt.*
Holzmüller, Gustav, Ph.D., Hagen. *Phys., Elect., Ast.**
Homann, G., Kurfürstenstr., 12, Berlin. *Ent.*

Höme, Alfons, Brühlsche Terrasse, Dresden. *Coleopt., Lepid.*
Homeyer, Maj. Alex. von, Wiesbaden. *Lepid.* C. Ex.
Honeyer, E. F. von, Pres. der allgem., Deutschen Ornithologischen gesellschaft. *Histol of Vert.* C. 7000 birds. *Palæo.* Ex.*
Hopffgarten, Baron v., Mülverstedt, bei Langensaza. *Coleopt.*
Hoppe, Dr. R., Docent, Univ., Berlin. *Math., Phys.*
Hoppe-Seyler, Dr. Felix, Prof. Medicine, Univ., Strasburg. *Geol., Org. Chem., Gen Biol.**
Höpstein, Alte Ulrichstr., 4, Magdeburg. *European Macro-lepid.* C. Ex.
Horn, Dr. C., Stassfurt. *Coleopt.*
Horn, Dr. P., Waren. *Bot.*
Horstmann, Prof. A., Univ. Heidelberg, *Chem.*
Hosäus, Dr. Arnold, Oberlehrer am Real-Gymnasium, Eisenbach. *Agric. Chem.*
Hosius, Prof. A., Academy, Münster. *Palæo., Min.*
Hötte, Rothenburg, Münster. *Lepid.* C. Ex.
Hotzig, Prof. Dr. Eduard, Halle. *Dental Sci., Neurology.**
Huber, Dr. K., Docent, Univ., Leipsic. *Pathol. Anat.*
Hübner, Hamburg. *Zool.*
Hübner, Dr. Prof. Hans, Dir. Chem., Univ. Laborat., Geismar Chaussee, 17, Göttingen. *Chem., Phys.**
Hüfner, C. G., M.D., D.Sc., Prof. Univ., Tübingen. *Physiol., Chem.**
Hühnermund, Cologne. *Ent.*
Hülsen, R., Staykowo, near Czarnikau. *Bot.*
Hülsen, Prof. Rudolf, Böhne, near Gr. Wudicke (Prussia). C. Ex.
Hunger, Emil, Dir. des Inst. Bot. Tauschvereins zu Berlin. Idioten-Anstalt der Stat Berlin zu Dalldorf. *Bot., Geog. of plants.* C. Ex. Offers plants of Germany in exchange for plants from all parts of the world. Spec. Cryptogamæ vasculares (especially Equiseta, Cyperaceæ, Gramineæ).*
Huntemann, Johann, Oldenburg. *Bot., Zool., Coleopt., Formicidæ.* C. Ex.
Hupp, Charles, Düsseldorf. *Coleopt.*
Ihering, Dr. von, Leipsic. *Moll.*
Ihle, Aug., Rietschelstr., 8, Dresden. *Lepid.* C. Ex.
Ihle, Rich., Rietschelstrasse, 14, Dresden. *Coleopt.* C. Ex.
Ijima, Isao., Thalstrasse, 1, 1 Etage, Leipsic. *Zool., Emb. of Nephelis.* C.*
Ilse, Inspector of Forests, Hagenau. *Bot.*
Imbach, Philipp, Lörrach (Baden). *Chem.*
Insel, Krausnickstr., 3, Berlin. *Ent.*
Jack, J. B., Constance. *Bot., Hepaticæ.*
Jäckel, Windsheim. *Coleopt., Lepid.*
Jacobi, A., Wildeshausen. *Ent.*
Jacobsen, Oscar, Universitäs-Professor, Rostock (Mecklenburg). *Chem.*
Jacoby, Dr. N., Wendisch, Buchholtz, W. Berlin. *Coleopt.*
Jaennicke, Fred., Mayence. *Ent.: Dipt., Bot.**
Jaensch, Chr. J. Theodor, Ph.D., Moritzstrasse, 7, Breslau. *Bot., Gen. Biol., Geog. Dist., Anth., Eth., Ethnog., Comp. Philol., Ent.: Lepid.* C. Ex. Desires living cocoons, pupæ, larvæ of foreign Lepidoptera for European species.*
Jäger, Hohenstedt, bei Grimma. *Coleopt.*
Jäger, Dr. Prof., Polytechnicum, Stuttgart. *Zool., Anth.*
Jagor, Dr. Fedor, Berlin.
Jahn, Prof. G., Roy. Univ., Berlin.
Jannasch, Dr., Assistant Univ., Göttingen. *Chem.*
Jäukel, Johann, Windsheim (Bavaria).
Jenisch, Wilh., Ocker. *Moll.*
Jenssen, Dr. Chr., Sec. K. Landwirthschafts Gesell, Hannover. *Bot.**

Jersild, Dr., Sleswick. *Bot.*
Jesnitzer, Rector, Zanow (Stettin). *Coleopt.*
Jessen, Dr. C., Prof. Univ., Greifswald, Kastanien Allee, 69, Berlin. *Bot.*
Jetschin, Robert, Geh. Ministerial-Sekretär, Melchiorstrasse, 45, Berlin, S.O. *Conchology.* C. Ex. European L. and F. W. shells in exchange for those of all lands.
Jickeli, C. F., Jr., 17, Weingartenstr., Würzburg. *Moll.*
Jölly, J., Prof. Univ., Würzburg. *Eth.*
Jordan, Karl, Albanikirhhof, 10, Göttingen. *Zool., Coleopt.* C. Ex.*
Joseph, Dr. Gustav, Docent, Univ., Breslau. *Zool., Emb. and Anat. of Invert., Anth., Hymenop., Lepid., Dipt., Sponges.* C. Ex.*
Jössel, Prof. J. G., Univ., Strasburg. *Anat., Mic.*
Jost, Carl Fried, Privatier, Mannheim. *Lepid.*
Judeich, J. F., Tharand. *Bot.*
Jühlke, Dir. Roy. Gardens, Potsdam. *Bot.*
Jülfs, Christian, Lehrer an der Grossherzochlich Oldenburgischen Schule, Elsfleth-on-the-Weser. *Bot.* C. Ex. Plants of N. W. Germany for foreign.*
Jung, Carl, Siebenhufenerstr., 26, Berlin. *Lepid.*
Jürgens, Dr. E., Docent, Univ., Halle. *Math.*
Just, Prof. Dr. Johann L., Carlsruhe.
Kabath, H., Schuhbrücke, 27, Breslau. *Bot.*
Kaemerer, Prof. Dr. Herman, Nuremburg. *Chem., Geol., Met.**
Kaibel, Prof. Dr. G., Roy. Univ., Breslau. *Philol.*
Kaiser, Dr., Elberfeld. *Zool., Geol.*
Kaiser, Dr. E., Friedenstrasse, 27, Berlin. *Mic.*
Kalender. Dr., Cologne. *Bot.*
Kammerer, Dr. Robert, Stuttgart. *Coleopt.*
Karsch, Prof. Dr., Münster. *Bot.*
Karsch, Dr. Ferdinand, Strelitzerstr., 13, Berlin, N. *Ent. · Coleopt.**
Karsten, Prof. Dr Gustav, Univ., Kiel. *Phys.*
Kasper, J., Reichenbergerstr., 125, Berlin. *Coleopt.*
Katenkamp, Dr. Heinrich, Delmenhorst, Oldenburg. *Bot.: Lichens.*
Katter, Dr. F., Putbus (Rügen). *Ent.*
Kayser, Dr., Ansbach. *Bot., Bryology.*
Kayser, Prof. E., Invalidenstrasse, 46, Berlin. *Geol.*
Kayser, Dr. H., Docent, Univ., Berlin. *Spectrum Analysis.*
Keferstein, A., Erfurt, Thüringen. *Lepid.**
Kegebein, R., Greifswald. *Ent.* C. Ex.
Keitel, G. T., Naturalist, Nicolai-Kirchhof, 9, Berlin, C. *Lepid., Coleopt., and all branches of Nat. Hist.* C. Ex.
Kekulé, Prof. A., Roy. Univ., Bonn. *Chem.*
Kekulé, Prof. R., Roy. Univ., Bonn. *Arch.*
Keller, Adolf, Reutlingen. *Ent.*
Kellermann, Dr., Wunsiedel. *Bot.*
Kellner, Forstrath A., Pres. Thür. Ent. Vereins, Gotha. *Coleopt.*
Kemmler, Donnstetten, near Urach. *Bot.*
Kepler, Prof., Hidburghausen. *Bot.*
Kerl, Prof. Dr. B., Bergakademie, Kurfürstenstrasse, 43, Berlin, W. *Chem.*
Kersten, Dr., Plan-ufer, 93, Berlin.
Kesselmayer, P., Frankfort-on-Main. *Bot.*
Kessler, F. F., Cassel, bei Frankfort-on-Main. *Physics.*
Kessler, Dr. Hermann F., Polytechn. School, Cassel. *Bot.*
Kessner, Bürgerschullehrer, Zwickau. *Coleopt.*
Ketteler, Prof. E., Roy. Univ., Bonn. *Physics.*

Kieffer, l'Abbé J. J., Prof. d'Histoire Naturelle au Coll. de Bitche (Lorraine). *Mosses, Hymenop., Coleopt., Hemipt., Orthopt., Neuropt.* C. Ex.*

Kienitz, Dr. M., Eberswalde. *Bot.*

Kiepert, Prof. H., Roy. Univ., Berlin.

Kiesenwetter, Hellm, von, Geh. Regierungsrath, Dresden. *Ent.; Coleopt.*

Kiliani, Dr., Munich. *Bot.*

Kinkelin, Dr., Zeisselstrasse, 7, Frankfort-on-Main. *Moll.*

Kirchenpauer, Dr. G. H., Senator, Zufaubindersof, 69, Hamburg. *Systematic Zoology, especially Bryozoa and Hydroid Polypi.* C.

Kirchhoff, Dr. Alfred, Odentlicher, Prof. der Erdkunde an der Univ., Halle (Saxony). *Meteo., Geog. Dist., Anth., Eth., Ethnog.**

Kirchner, Dr. Oscar, Hohenheim, near Stuttgart. *Bot.*

Kirchoff, Chief Gardener to Prince de Fürstenberg, Donaueschingen. *Bot.*

Kirchoff, Prof. Gustav, Univ., Berlin. *Phys.**

Kirsch, Theodor, Custodian, Zool. Mus., Dresden.

Kirschbaum, Frau Prof. Dr., Wittwe, Louisenstrasse, 43, Wiesbaden. *Ent.* C. Wishes to sell the collection belonging to her late husband.

Kittel, Prof., Passau. *Coleopt., Hemipt., Dipt., Orthopt., Hymenop., Lepid.*

Kjer, C., Sonderburg. *Physics.*

Klaeger, H., Adalberstr., 6, Berlin. *Coleopt.*

Klaeger, O., Wilhelmstr., 114, Berlin. *Coleopt.*

Klatt, Dr. F., St. Pauli, Hamburg. *Bot.**

Klebs, Dr. G., Strasburg.

Klein, Dr. B., Docent, Univ., Marburg. *Math.*

Klein, Prof. Dr. C., Univ., Göttingen. *Min., Crysta..*

Klein, Prof. F., Univ., Leipsic. *Math.*

Klein, Dr. Herm. T., Director der Wetterwarte der Kölnischen Zeitung, Besitzer eines Astronomischen Privat-Observatoriums, Cologne. *Ast. and Meteo.* Topography of the upper surface of the moon.*

Klein, Dr. Otto, Neus Chem. Lab., Tübingen. *Chem.*

Kleiner, Robert, Dresden-Albertstadt. *Lepid.*

Klencke, Dr. Phil. F. H., Hannover.

Klemm, Curt, Moschelstr., 13, Leipsic. *Lepid.*

Klette, Schmiedeberg. *Coleopt.*

Klingelhöffer, Darmstadt. *Coleopt.*

Klinger, Dr. Heinr., Privat-Docent an der Universität, Bonn-on-the-Rhine. *Chem.*

Klinkerfues, Prof. Dr. W., Director der Königl. Sternwarte, Göttingen. *Ast., Meteo.*

Klippert, Grünestrasse, Vegesack. *Orn., Ool.*

Klipstein, Prof. Dr. v., Giessen (Upper-Hesse). *Geol., Palæo.* C. Ex. Offers petrifactions and minerals of the Alps and W. Germany for those of N. America.

Klocke, Prof. F., Roy. Univ., Marburg. *Min., Crystal.*

Kloss, Dr. Hermann, Frankfort-on-Main.

Klotz, Dr. C. E., Sidoniënstr., 16, Leipsic. *Ent.*

Klunzinger, Prof. Dr. Carl Benjamin, Cur. am Königl. Naturalien Cabinet, Alexanderstrasse, 1, Stuttgart, Würtemburg. *Zool., Ichth., Corals, Crustacea.* C.*

Knapp, Bankbeamter, Gotha. *Lepid.*

Knauth, Johannes, Dr., Nordstr., 35, Dresden. *Coleopt.* C. Ex.

Knebd, Dr., Sternstrasse, Breslau. *Phænerogams.*

Knoblauch, August, Zeil, 54, Frankfort-on-Main. *Moll.*

Knoblauch, Prof. Dr. Carl Hermann, Pres. d. k. Leop. Carol. Akad., Univ., Halle. *Phys.**

Knoche, Richard, Hannover. *Con.* C. Ex.*
Knop, Prof. W., Univ., Leipsic. *Chem.*
Kny, Dr. Leopold, Prof., Univ. und Landwert, Hochschule, Keithstr., 8, Berlin, W. *Bot., Bot. Physiol.**
Kobell, Prof. Dr. Franz X. W. Ritter von, Univ., Munich. *Min.*
Kobelt, Dr. Wilhelm, Schwanheim, bei Frankfort-on-Main. *Moll.**
Kobitzsch, F., Albertstr., 37, II, Leipsic. *Lepid.*
Koch, Perleberg. *Macro-lepid.* C. Ex.
Koch, Dr., Wöhrd, bei Nürnberg. *Arach., Coleopt.*
Koch, E. E., Agriculturist, Güstrow. *Moll.*
Koch, Dr. K. R., Docent, Univ., Freiburg. *Mechanics.*
Koch, Prof. Dr. L., Univ., Heidelberg. *Bot., Anat.*
Koch, Rud., Münster. *Gen. Ent.*
Koch, Victor von, Brunswick. *Moll.*
Koch, de Wolestein, Dr. Robert, Regierungsrath, Berlin. *Bot.*
Koechlin, Joseph, Quai du Ballage, Mülhausen (Alsace). *Coleopt.*
Koechlin, Oscar, Chimiste, Dornach, near Mulhouse (Alsace). *Ent., principally Coleopt.* C. Coleoptera and Hemiptera.
Koehne, Dr. Emil, Real-gymnasial-lehrer, Goebenstr., 31. *Bot.* Wishes Lythraceæ.*
Koenig von Warthausen, Richard F., Leop. Acad., Warthausen, bei Biberach. *Ool., Moll., Bot., Arch.**
Koenike, F., Gr. Johanisstrasse, 60, Bremen. *Zool., Hydrachnia.*
Koeppen, W., Stendal. *Coleopt.*
Kohlmann, Reinhard, Vegesack, near Bremen. *Higher Mushrooms (Hymenomycetes), Orn., Con., Min.* C. Ex. East India shells and higher mushrooms, fresh or dry, shells (Cypræa Strombus, Voluta, etc.). Wishes crystallized minerals.*
Kohlrausch, Dr., Luneburg. *Lepid.*
Kohlrausch, Prof. F., Univ., Würzburg. *Phys.*
Kohlrausch, Dr. W., Docent, Univ., Strasburg. *Phys.*
Kolb, E., Kisslegg. *Bot., Bryol.*
Kolb, Max, Bot. Gardens, Munich. *Bot.*
Kolbe, Lehrer, Kreis Ahaus, Oeding. *Coleopt., Hymenop.* C. Ex.
Kolbe, Prof. H., Univ., Leipsic. *Chem.*
Kolbe, Hermann J., Ass't am. Zool. Museum der Univ., Anklamerstrasse, 14, Münster. *Invert. Palæo., Emb. and Anat. of Invert., Ent.: Coleopt., Orthopt., Neuropt.* C. Ex.*
Kolliker, Prof. Dr. August A. von, Univ., Würzburg. *Anat.*
Koltze, W., Repsoldstr., 14, Hamburg. *European Coleopt.*
Könen, Prof. A. v., Univ., Göttingen. *Palæo., Geol.*
König, Französischestr., 48, Berlin. *Lepid.*
Königs, Dr. W., Docent, Univ., Munich. *Chem.*
Konicke, F., Bremen. *Arach., Hydrach.*
Konow, Fr. W., Pastor, Fürstenberg, Mecklenburg. *Bot., Ent., Con., Min.* C. Ex.*
Kopp, Dr. Hermann F. M., Univ., Heidelberg. *Chem.*
Köppen, Dr. W., Seewarte, Hamburg. *Meteo., Geog. Dist.**
Korb, Max, Dachauerstr., 28, Munich. *Ent.: Lepid., Coleopt.* C. Ex.*
Körber, Dr. Prof., Univ., Breslau. *Bot., Lichens.*
Körnicke, Prof. Dr. Friedrich August, Docent der Botanik an der Königlichen landwirthschaftlichen Akademie, Poppelsdorf, bei Bonn. *Bot.* Wishes samples of grain for sowing, and maize in whole ears. Especially interested in diseases of plants.
Kordt, Lehrer, Lübeck. *Coleopt.*
Korn, C., Lehrer., Blaue Beilstr., 16, Magdeburg. *European Macro-lepid.* C. Ex.
Körnich, Eduard, Meissen. *Lepid.* C. Ex.

Körnig, Adolf, Breslau. *Bot., Eth., Ethnog.*
Körte, Prof. G., Univ., Rostock. *Arch.**
Koschny, F., Hamburg. *Ent.*
Kossman, Prof. R., Univ., Heidelberg. *Zool.*
Kossmann, Eisleben. *Coleopt.*
Köster, T. E., Elsfleth-on-the-Weser. *Navigation and Astronomy.*
Köstlin, Prof. Dr. Otto, Stuttgart.
Kothe, Alb., Graveur, Hollmannstrasse, 31, Berlin. *Lepid.*
Kortum, Prof. H., Univ., Bonn. *Math.*
Kraatz, Gustav, Ph.D., Pres. Ent. Gessell. Linkstrasse, 28, Berlin. *Ent.: Coleopt.* C. Ex.*
Krabbe, Dr., Bot. Inst. am Guitgarten, Berlin. C. *Plant Physiol.*
Kraepelin, Dr. Karl., Hammerbrookstr., 17, Hamburg. *Bot.*
Kraetzer, Dr. J., Mem. Malacozool. Gesell. Promenadenstrasse, 53, Darmstadt (Hesse). *Bot., Palæo., Geol., Min., Crystal., Lithol., Moll.* C. Ex.
Kramer, Ludwigsdorf, bei Gilgenburg. *Coleopt., Lepid.* C. Ex. for European and exot. Lepid.
Krantz, Dr. August, Rheinisches Mineralien Comptoir, Coblenzerstrasse, 121, Bonn. *Min., Palæo., Petrography.* C. Ex. minerals and fossils.*
Kranz, Dr. C. A., Karlstr., 21, Munich. *Ent.*
Kraske, Dr. P., Docent, Univ., Halle. *Osteol.*
Kraty, Dr. J., Berlin. *Ent.*
Kraus, Dr. Carl, Lehrer der Landwirthschaftlichen Schule, und Vorstand der Samencontrolstation, Triesdorf, Bavaria. *Physiol of plants.**
Kraus, Prof. Dr. Gregor, Univ., Halle (Saxony). *Bot.*
Krause, Dr. Arthur, Mariannenplatz, 19, Berlin. *Chem., Bot.*
Krause, Dr. Auvil., Mariannenplatz, 19, Berlin. *Palæo.*
Krause, Franz, Eisenberg, Sachs-Altenburg. *Lepid., spec. Micro-lepid., Coleopt.* C. Ex.
Krause, Prof. M., Univ., Rostock. *Math.*
Krause, Prof. W., Univ., Göttingen. *Histol.*
Krauss, Prof. Dr. Ferdinand von, Stuttgart. *Nat. Hist.*
Kraut, Prof. Dr. K., Welfenschloss, Hannover. *Chem.*
Krauze, Dr. Hermann, Hannover. *Bot.*
Krechscher, Prof. G., Frieberg. *Bot.: Algæ.*
Kreglinger, Karl, Privatgelehrter, Stephanienstrasse, 44, Carlsruhe (Baden). *Con.*
Krempelhuber, Dr. A. von, Amilienstr., 3, Munich. *Lichens.*
Kretzer, J. F., Mülheim-on-Main. *Moll.*
Kricheldorff, Ad., Oranienstr., 135, Berlin. *Coleopt., Lepid.*
Kriechbaumer, Dr., Schwanthalerhöhe, 20, Munich. *Ent.: Hymenoptera, Diptera.*
Krieghoff, Edmund, Atlenfeld, bei Gross-Breitenbach. *Lepid., Coleopt.* C. Ex.
Kries, Prof. J. von, Univ., Freiburg. *Physiol.*
Kroener, Präparator Naturhist. Mus., Strasburg. *Europ. Lepid.*
Krohn, Prof. Dr. August D., Bonn.
Krone, Dresden. *Coleopt.*
Kronecker, Prof. H., Univ., Berlin. *Physiol.*
Kropp, R., Prof., Weiswasser. *Ent.*
Krüger, Prof. A., Univ., Kiel. *Ast.*
Krukenberg, Dr. C. F. W., Physiolog. Institut, Würzburg. *Physiol., Chem., Com. Physiol.*
Krümmel, Dr. Otto, Seewarte, Hamburg. *Hydrography, Geog., Meteo.*
Kubary, Joh., Hamburg.
Küchenmeister, Dr. F., Dresden.

Kügler, Dr., Zeil, Frankfort-on-Main. *Bot.*
Kuhlmann, Victor, Seestrasse, Dresden. *Coleopt., Lepid.* C. Ex.
Kuhn, Prof. Dr. Gust, Agricultural Chemist, Möckern, near Leipsic.*
Kühn, Prof. Dr. Jul., Univ., Halle-on-the-Salle. *Bot.*
Kuhn, Prof. P. Kaspar, Custos Mus., Ottobeuren. *Phæn. Bot.: Algæ, Moll.* C.*
Kuhn, Dr. M., Louisenstr., 67, Berlin. *Bot.*
Kühne, Ludwig, Petersteinweg, 13, Leipsic. *Lepid.*
Kühne, Prof. W., Univ., Heidelberg. *Physiol.*
Külz, Prof. E., Univ., Marburg. *Physiol.*
Kummer, Prof. E. E., Roy. Univ., Berlin. *Math.*
Kummer, Prof. Paul, Münden (Hannover). *Bot., especially Mosses, Lichens, and Fungi.* C.
Kundt, Prof. A., Univ., Strasburg. *Phys.*
Kunkel, Dr. A., Docent, Univ., Würzburg. *Med. Chem. Analysis.*
Kuntze, Dr. Otto, Leipsic. *Bot.*
Kunze, Lieut. Carl, Weistritz, bei Schweidnitz. *Lepid.*
Kunze, Prof. Dr. Carl L. A., Weimar. *Math., Phys.*
Kunze, Dr. Joh., Lutherstrasse, 10, Eisleben. *Bot., Mycol.*
Kunze, Prof. Max, Acad. Tharandt, near Dresden. *Moll.*
Kupffer, Prof. Dr. Carl, Univ., Munich. *Anat.*
Kurtz, Dr. Fritz, König. Augustastr., 50, Berlin, W. *Syst. Bot., Phytogeog., Phytopalæo.* C. Ex. European plants for Phænerogams from all parts of the world, including Ferns, Lycopodiaceæ and Equisetaceæ.*
Kussmaul, Prof. Dr., Strasburg.
Kützing, Prof. Dr. C. T., Nordhausen. *Bot.. Algæ.*
Kutzleb, Ph D., Halle. *Agric.*
Kuwert, Gütsbesitzer, Wernsdorf, near Tharau, in Old Prussia. *Coleopt., Lepid.* C. Ex. Wishes Lamellicorns and Cyrambycidæ in ex. for Coleoptera of Germany.
Laekowitz, A. W., Schönhauser Allee, 57, Berlin. *Bot.*
Lademann, Thilo., Westend, bei Charlottenburg. *Moll., Bot.**
Ladenburg, Prof. A., Univ., Kiel. *Chem.*
Lagarde, P. de, Göttingen.
Lagenbühl, F., Wiesbaden. *Coleopt.*
Lahmann, Albert Heinr., Sohn, Brill, 8, Bremen. *Lepid.*
Lapowitz, Dr. Konrad, Asst. Bot. Garten, Breslau. *Bot.*
Lamers, Guillaume, Jägerhofstr., 1, Düsseldorf. *Coleopt.*
Lamp, Dr. E., Observator, Königliche Sternwarte, Kiel.*
Landauer, Robert, Vollständigestrasse, Würzburg (Bavaria). *Zool., Orn.* C. Ex.*
Landois, H., Prof. Univ., Münster. *Orn., Mic.*
Landois, Prof. Dr. L., Dir. Physiol. Inst., Univ., Greifswald. *Physiol.*
Landolf, Prof. L., Univ., Berlin. *Phys., Chem.*
Landolt, Prof. Dr. Hans H., Prof. Chem., Landw. Schr. Inst., Berlin. *Chem.*
Lang, Ch., Bot. Gardens, Heidelberg.
Lang, O., Univ., Göttingen. *Geol., Lithol., Mic.* Ex.*
Lange, Ernst, Neukirkhof, 32, Leipsic. *Lepid.* C. Ex.*
Langendorff, Dr. O., Docent, Univ., Königsberg. *Physiol., Histol.*
Langhans, Dr., Lehrer, Gewerbeschule, Fürth. *Coleopt.*
Langsdorf, W. v., Breisgau (Baden). *Ent.*
Lappe, Neudietendorf, near Gotha. *Moll.*
Lasard, Dr. Königin-Augustastr., 50, Berlin.
Lasaulx, Dr. Arnold von, Prof. a. d. Univ., Dir. des Mineralogischen Museums der Univ., Bonn-on-Rhine. *Min., Petrog.* Ex. Minerals and stones of the Rhine and Germany for American minerals.*

Laspeyres, Dr., Prof. H., Technische Hochschule, Aix-la-Chapelle. *Min.*, *Geol.**

Latschenberger, Prof. Med. J., Univ., Freiburg. *Physiol.*, *Toxicology*, *Hygiene.*

Laubenheimer, Prof. A., Univ., Giessen. *Chem.*

Lauche, W., Königl. Garten Inspector, Dir. des Botanischen Garteus, Lehreranstalt, Potsdam, Prussia. *Dendrology*, *Pomology*, *Bot.*

La Valette Saint-George, le Baron von, Prof., Bonn. *Coleopt.*

Lehmann, F. X., Bruthsal, bei Carlsruhe. *Moll.**

Lehmann, Hugo, Bohrauerstr., 11, Breslau. *Lepid.* C. Ex.

Lehmann, Dr. Johannes, Docent a. d. Universität, Schloss-Poppeldorf, bei Bonn. *Min.*, *Geol.* C.

Lehmann, Dr. O., Müllhausen. *Phys.*

Lehmann, Dr. R., Docent, Univ., Halle. *Eth.*

Lehmann-Filhés, Dr. Rudolf, Docent der Astronomie an der Königl. Universität, Landgrafenstr, 4, Berlin, W. *Ast.**

Lehr, Counsellor, Wiesbaden. *Moll.*

Leichtlin, Max, Eigenthümer eines Botanischen Privat Gartens, Baden-Baden. *Bot.*, *Introduction of new and rare plants.* C. Ex. Wishes samples of foreign plants and bulbs; offers first-class specimens of the same.*

Leimbach, Prof., Sondershausen. *Bot.*

Leimbach, Dr. Gotthelf, Prof., Präsident u. Redacteur der "Irmischia," Sondershausen, Thüringen. *Phæn. Bot.: Ferns*, *Plant Palæo.*, *Geog. Dist.* C. Ex. European orchids for those not of Europe.*

Leiner, L., Constance. *Bot.*

Lemke, Auguststr., 93, Berlin. *Lepid.*

Lentz, Prof. Dr. L., Königsberg. *Coleopt.*, *Lepid.*

Lenz, Dr. Heinrich, Conservator am Naturhistorischen Museum, Lübeck. *Zool.*, *Arch.*, *Myriopoda.* C. Ex. Crustacea, Fauna of Madagascar in ex. for all specimens of the animal kingdom, for the Museum.*

Lepsius, Prof. Dr. C. R., Darmstadt. *Geol.*

Lessing, Dr. M. B., Berlin.

Letzner, K., Rector emer., Vorwerksstr., 5, Breslau. *Coleopt.**

Leuckart, Rudolf, Prof. u. Kgl. Sachs, Geheimer Hofrath, Zoologischen Institut, Thalstr., 15, Leipsic. *Zool.*

Leyden, Prof. Dr. Ernst, Univ., Berlin. *Pathol.*

Leydig, Prof. F. von, Univ., Bonn. *Emb.*, *Anat.*, *Histol.*

Lichenstein, Dr. Eduard, Berlin.

Licht, Lieut. F. O., Schöneeckstr., 2, Magdeburg. *European Macro-lepid.* C. Ex.

Liebe, Dr. Th , Ritterstr., 35, Berlin. *Bot.*

Lieberkühn, Prof. Dr. Nathanael, Univ., Marburg. *Anat.*

Liebermann, Prof. C., Roy. Univ., Berlin. *Chem.*

Liebisch, Dr. Theodor, Prof. der Mineralogie und Krystallographie an der Univ., Breslau. *Min.*, *Crystal.**

Liepe, Lehrer, Eberswalde (Brandenburg). *Coleopt.*

Limpricht, G., Palmstrasse, 21, Breslau. *Bryol.*

Limpricht, Heinrich, Prof. der Chemie an der Universität, Greifswald. *Chem.*

Lincke, Lehrer, Höhern Bürgerschule, Stettin. *Dipt.*

Lindemann, Adolph F., F.R.A.S., Hôtel Graf., Durkheim (Bavaria).

Lindemann, Prof. F., Univ., Freiburg. *Math*

Lindemann, Prof. Gustav, Mannheim. *Coleopt.*, *Lepid.*

Lindley, W. H., Civil Engineer, Member of the Institution of Civil Engineers (London), Fellow of the Geographical Society (London), 29, Blittersdorffs Platz, Frankfort-on-Main. *Sanitary Engineering.*

Linnea, Institution for Natural History (Dr. August Müller), Elsheimer-street, 7, Frankfort-on-the-Main. Large coll. of mammals, European and exotic birds, birds' eggs, amphibians, animals, mollusks, crustacea, insects (especially Coleopt. and Lepid.) for sale and ex. Also fossils from the Mayence Basin, etc. Wishes to ex. exotic shells and birds' eggs for first-class specimens.*

Lipschitz, Prof. R., Roy. Univ., Bonn. *Math.*

Lisch, G. C. F., Schwerin.

List, Dr. Edmond, Neustadt-an-der-Hardt. *Bot.*

Listing, Dr. Johann Benedict, Prof. of Natural Philosophy in the University, Göttingen *Optics, Math., Geog., Meteo.*

Loebbecke, Th., Conchilien-Museum, Düsseldorf. *Living shells.*

Loew, Dr. E., Lützowstr., 51, Berlin. *Bot.*

Loew, Dr. Oscar, Karlstrasse, 29, Munich. *Org. Chem., Gen. Biol.**

Loewig, Prof. Dr. C. J., Roy. Univ., Breslau. *Chem.*

Lohmeyer, Gleiwitz. *Lepid.*

Lohmeyer, Dr. Carl, Emden. *Moll.*

Lohse, Dr. Oswald Königlich. Astrophysikalisches Observatorium, Potsdam. *Astro-Physics and Astro-Photography.**

Lommel, Prof. E., Univ., Erlangen. *Physics.*

Lorey, Prof. T., Univ., Tübingen. *Agric.*

Loritz, Docent, Regensburg. *Ent.*

Loritz, Dr. N., Frankfort-on-Main. *Moll.*

Löso, Dr., Lutzovstr., 51, Berlin.

Lossen, Prof. Dr. Karl August, Invalidenstrasse, 44, Berlin, N. *Geol., Lithol.**

Lossen, Prof. W., Univ., Königsberg. *Chem.*

Lottermoser, Rechtsanwalt, Schweidnitz. *Coleopt.*

Löw, Dr., Wichmannstrasse, 3, Berlin, W. *Geod., Ast.*

Luchs, Dr. Ernst, Warmbrunn.

Lucius, E., Auguststrasse, 17, Brunswick. *European Lepid.* C. Ex.

Lüdecke, Otto, Ph.D., Privat-docent Univ., Sec. Naturwissenschaftlichen Vereins, Halle. *Geol., Min., Crystal., Anth.**

Lüders, Edward, Lauterberg-on-Harz. *Moll.*

Ludwig, Prof. C., Univ., Leipsic. *Physiol.*

Ludwig, Dr. Friedrich, Gymnasial-Oberlehrer, Greiz *Bot., Biol.*

Ludwig, Hubert, Prof. Zool. und vergleichenden Anat., Univ., Giessen. *Zool., Gen. Biol., Geog. Dist., Emb., Anat., Vert., Mam., Orn., Herpetol., Ichth., Arach., Myriopoda, Worms, Moll., Radiates, Sponges, Protozoa, Infusoria.* C. Ex.*

Ludy, Melchiorstr., 30, Berlin. *Coleopt.*

Luerssen, Dr. Gerhard C. F., Docent der Botanique, Custos des Universitäts Herbariums, Braustrasse, 6*b*, II, Leipsic. *Vascular Cryptogams, Ferns and their allies.* C. 18,000 specimens of Ferns. Ex. Ferns of Polynesia, Asia, and Europe for those of the globe, especially America.

Lüllwitz, A., Lehrer, Coslin. *Coleopt.*

Luther, Prof. E., Univ., Königsberg. *Ast.*

Lützjohann, A. T. F., Bützow. *Phæn. Bot., Geol., Chem., Lepid., Dipt.* C.*

Maack, Heinr., Hamburg. *Lepid.* C. Ex.

Maassen, Peter, Elberfeld. *Lepid.* C. Ex.*

Macker, Dr. Emile, Colmar (Upper Alsace). *Lepid.*

Maehleit, Turnlehrer, Lüneburg. *Lepid.*

Maercker, Prof. M., Univ., Halle. *Agric. Chem.*

Magnus, Hugo, Docent, Univ., Breslau. *Phys., Gen. Biol., Anth.**

Magnus, Dr. P., Prof. Bot., Univ., Bellevuestr., 8, Berlin, W. *Bot.**

Maier, Prof. R., Univ., Freiburg *Pathol. Anat. and Histol., Hygiene, Mic.*
Malherbe, Judge, Metz.
Malortie, Dr. Carl O. B. von, Hannover.
Maltzan, Baron Hermann von, 45, gr Eschenheimerstrasse, Frankfort-on-Main. *Conchology, especially geographical distribution of animals.* C. Ex. Marine shells.
Mangold, C., Potsdam. *Moll.*
Mangoldt, Hans von, Privat-docent, Göttingen. *Math.**
Mann, F. W., Friedenstrasse, 4, Frankfort-on-Main. *Lepid.* C. Ex.*
Marchand, Prof. F., Univ., Giessen. *Pathol. Anat. and Histol.*
Marck, Dr. v. d., Hamm. *Min.*
Märkel, G., Leuben, bei Lommatzsch. *Ent.*
Marmé, Prof. Dr. Wilhelm, Göttingen.*
Marquart, Dr. Louis C., Bonn.
Marshall, Dr. W., Docent, Univ., Leipsic. *Ent., Vert. Palæo.*
Marshall, Dr. William A. L., Zool. Mus., Univ. Leipsic. *Zool.*
Marsson, Dr. Theodor, Greifswald, Pommern, Prussia. *Bot., Palæo., Chem.* C.
Martens, Dr. E. von, Prof. Zool., 35, Kurfürstenstr., Berlin, W. *Moll.*
Martin, Prof. Dr. Aloys, Univ., Munich.
Martini, W., Sömmerda. *Macro and Macro-lepid.*
Martini, Ingénieurlieutenant, Pionierkaserne, Berlin. *Ent.*
Marx, Conrad, Rosenweg, Dresden. *Coleopt., Lepid.* C. Ex.
Mathiotte, Ferdinand, Remilly (Lorraine). *Lepid.* C. Ex.*
Matthan, Carl, Brandenburg. *Coleopt.*
Matthiessen, Prof. L., Univ., Rostock. *Phys.*
Matuschka, v., Kreuzkirche, 4, Breslau. *Coleopt.**
Maurer, L., Inspector Bot. Gardens, Jena. *Bot.**
Maus, Wilh., Wiesbaden. *Lepid.* C. Ex.
Mayer, Prof. A., Univ., Leipsic. *Math.*
Mayer, C., Dir. Bot. Garden, Grand-Ducal, Carlsruhe.
Mayer, Dr. C. E. Louis, Privat-docent, Französischetr., 48, Berlin, W. *Lepid.* C. Ex.*
Mayer, C. F., Donaueschingen. *Coleopt.*
Mayer, Jules Robert, Heilbronn.
Mayer, Prof. W., Univ., Tübingen. *Mic.*
Mayr, Prof. A., Univ., Würzburg. *Ast., Anth.*
Mayr, Dr. Heinrich, Asst. am forstbotanischen Inst., Amalienstrasse, 67, Munich. *Pathol. of Plants, Forest Bot.**
Medicus, Prof. L., Würzburg *Analyt. Chem.*
Meinheit, C., Harburg. *Lepid.* C. Ex.
Meinheit, Karl, Dortmund. *Ent.; Lepid.* C. Ex. Lepid. of Spain and S. France for those of N. Germany.*
Meisel, K., Güterbahnhofstrasse, Dresden. *Ent.*
Meissner, Prof. Dr. Georg C. F., Univ., Göttingen. *Physics.*
Mejer, Dr., Hannover. *Bot.*
Melchert Gustav, Dir. des Allgemeinen Ent. Tauschvereins für Europe, Dessau. *Ent.; Lepid., Coleopt.* C. Ex.*
Melde, Prof. F. E., Univ., Marburg. *Mechanics, Physics, Optics, Math.*
Melsheimer, Linz-on-Rhine. *Bot.*
Mendorf, H., Barby. *European Macro-lepid.*
Mengelbier, Wilh., Aix-la-Chapelle. *Lepid.*
Merbitz, G., Leisnig. *Lepid.*
Mering, Dr. J. von, Docent, Univ., Strasburg. *Pathol., Physiol. Chem.*
Merkel, Prof. Friedrich Siegmund, Dir. Anat. Inst., Rostock. *Emb., Anat., Anth.**

Mertens, Genthinerstr., 41, Berlin. *Lepid.*
Mess, Eduard, Dir. der Strafanstalt, Ohlmüllerstr. 23, Munich. *Ent.: Lepid., Coleopt., Living Reptiles.*
Messer, E., Reallehrer, Bremen. *Bot.*
Metzger, Dr., Prof. der Zool. an der Königl. Forstakademie, Münden. *Zool., Moll., Crustacea.* Offers Marine Invert. of North Sea.*
Metzler, Adolf, Frankfort-on-Main. *Bot.*
Metzner, Carl, Josephinengasse, 19, Dresden. *Coleopt.*
Meyer, Hamburg. *Ent.*
Meyer, Münster. *Coleopt., Orthopt.* C. Ex.
Meyer, Dr., Königsberg. *Geol.**
Meyer, Dr., Docent, Oldenburg. *Ent.*
Meyer, Lieut., Goch, bei Cleve. *Coleopt.*
Meyer, Dr. Adolf B., Dir. Zool., Arch., Eth. Mus., Dresden. *Vert., Geog. Dist., Eth., spec. East Indian Archipelago.**
Meyer, Prof. E. S. Chr. von, Univ., Leipsic. *Chem.*
Meyer, Ferdinand, Telegraphenbeamter, Colmar (Upper Alsace). *Malacology, especially of Germany.* C. Ex. European Helices for those of North America.*
Meyer, Dr. Frz., Docent, Univ., Tübingen. *Math.*
Meyer, Dr. Heinrich A., Kiel.
Meyer, Dr. Lothar, Prof. Chem., Univ., Tübingen. *Chem.**
Meyer, Prof. Dr. O. E., Roy. Univ., Breslau. *Phys.*
Michael, A., Waldenburg (Silesia). *Moll.*
Michaelis, Prof. Dr. A., Polytechnicum, Carlsruhe.
Michel, Prof. A., Mühlhausen. *Ent.*
Michow, Dr., Steinthorwall, 47, Hamburg. *Ent.*
Mieg, Rue des Bons Enfants, Mulhouse (Alsace). *Geol.*
Milcke, F. W., Charlottenstr., 79, Potsdam. *Coleopt.*
Miller, Dr. Conr., Essendorf (Würtemberg). *Moll.*
Miller, Wilhelm von, Docent, der Chemie der nischen Hochschule, Munich. *Chem. Geol., Chem.**
Mink, Wilhelm, Crefeld. *Coleopt.*
Minks, Dr. Arthur, Referent für die gesammte Lichenologie in "Botanische Centralblat," Grosse Domstrasse, 21, Stettin. *Lichens, Anat., Morphology.**
Minnigerode, Prof. Dr. Bernhard, Greifswald. *Math.*
Mitscherlich, Prof. Dr. A., Münden. *Chem.* Wishes to sell chemical preparations, minerals, and models for technical chemistry.
Möbius, Prof. Dr. Karl A., Univ., Kiel. *Zool., Comp. Anat.**
Mochmann, Lehrer, Brieg. *Lepid.*
Moeckel, Elisabethstr., 55, Berlin. *Lepid.*
Moehring, Herm., Schlosstr., 25, Dresden. *Coleopt.* C. Ex.
Möckel, H., Hamburg. *Ent.*
Moesta, F., Univ., Marburg. *Min., Mic., Phys. Chem., Geol.*
Molinari, Leo, Breslau. *Ent.*
Möller, Ludwig, Redakleur der Deutschen Gärtenzeitung, Erfurt, Thüringen. *Phæn. Bot., Fungi, Hort., Carpology.* C. Ex.*
Möller, Max, Ingénieur, Berlin, N. *Meteo., Mechanics.*
Möller, T. D., Präparator für Microscopie, Wedel, Holstein. *Diatoms.*
Mollinger, Godefroi, Mem. de la Société d'acclimation de France, Godesburg, near Bonn. *Lepid.* C. Correspondence desired with collectors in the United States and Canada, *for the purchase or ex. of hibernating pupæ of America, Rhopaloceres and* Heteroceres.*
Mommsen, Th., Berlin.
Monheim, V., Aix-la-Chapelle. *Bot.*
Monsterberg, Major von, Bamberg. *Moll.*
Moritz, Neue Königstr., 5, Berlin. *Ent.*

Moritz, Dr., Geisenheim. *Chem.**
Morsbach, Dr. Ad., Dortmund (Westphalia). *Coleopt.*
Möschler, H. B., Krönförstchen, bei Bautzen. *Coleopt., Lepid.*
Moser, Dr. James, Berlin.
Moulin Le Comte du, Bertolzheim, near Neuburg-on-the-Danube. *Bot.*
Mühl, Födersdorf, bei Mühlhausen. *Coleopt.*
Mühlig, F. G. G., Inspector der von Guaitajschen Stiftungen, Ehrenmitglied u. Mitglied mehrerer gelehrten Gesellschaften Neue Maintzerstrasse, 9, Frankfort-on-Main. *European Micro-lepid., Orn., Biol. of Coleopt.* C. Ex.*
Mühling, Franfort-on-Main. *Lepid.*
Mühll, Prof. K. von der, Univ., Leipsic. *Phys., Math.*
Mühlwenzel, B., Carlsstrasse, 43, Breslau. *Lepid.*
Müller, Neustadt (Holstein). *Ent.*
Müller, Dr. August, Offenbach-on-Main (Hessen). See Linnæa Inst.*
Müller, Carl, Sidoniënstr., 7, Leipsic. *Lepid.*
Müller, Clemens, Holzhofgasse, Dresden. *Coleopt.*
Müller, Dr. G., Astrophysikalischen Observatoriums, Potsdam. *Ast.*
Müller, Dr. H., Realschullehrer, Lippstadt. *Coleopt., Hymenop.*
Müller, Dr. Herman, Geisenheim. *Bot.*
Müller, Dr. Johann B., Berlin.
Müller, J. F., Bot. Garden, Giessen. *Bot.*
Müller, Prof. Dr. Johann W., Univ., Jena. *Anat.*
Müller, Dr. K., Deggendorf. *Ent.*
Müller, Dr. N. F. C., Professor der Botanik, Münden (Hannover). *Physiological Botany.*
Mülverstedt, von, Rosenberg. *Coleopt.*
Mundt, Stettin. *Lepid.*
Munk, Prof. H., Univ., Berlin. *Physiol.*
Münter, Dr. Julius, Ord. öff. Prof. der Botanik, Director des Bot. Gartens an der K. Preuss. Universität, Greifswald (Prussia). *Bot., Dendrology.* C. Ex. Wishes specimens of N. American woods and dried plants.*
Murdtfield, Rheina (Westphalia). *Coleopt.*
Müser, Gottfried, Mittelstr., Barmen. *Lepid.*
Naegeli, Prof. Dr. Ch. Guill. von, Univ., Augustenstrasse, 15, Munich. *Bot.*
Narr, Dr. F., Docent, Univ., Munich. *Mechanics.*
Nasse, Prof. H., Univ., Marburg. *Physiol.*
Nasse, Prof. O., Univ., Rostock. *Pharm., Physiol., and Pathol. Chem.*
Nathanson, A., Hamburg. *Lepid.*
Naumann, Bürgerschullehrer, Zwickau. *Coleopt.*
Naumann, Prof. Al., Univ., Giessen. *Chem., Met.*
Naumann, Dr. F., Géra. *Bot.*
Nawradt, Ernst, Dresden. *Coleopt.*
Neesen, Prof. Friedrich, Ziethenstrasse, 6a, Berlin, W. *Phys. Geol.**
Nehring. Prof. Alfred, Ph.D., Pres. Zool. Sammlung der Kgl. Landwirthsch, Hochschule, Berlin. *Vert. Palæo., Strat. Geol., Zool., Geog. Dist., Vert. Anat., Anth., Vert., Mam., Osteol.* C. Ex.*
Nehrkorn, Adolph, Oberamtmann, Riddagshausen, near Brunswick. *Orn., especially Ool.* C. 2500 specimens. Ex. eggs from all countries.*
Nerz, Fidelis, Geschäftsführer des Physical. Mech. Instituts von M. Th. Edelmann, Munich. *Physical Science.*
Nessler, Prof. Dr. Jul., Dir. Stat. Agron, Carlsruhe. *Chem.**
Netto, Prof. E., Univ., Strasburg. *Math.*
Neugebauer, Emil, Forst (Nieder Lausitz *Ent.: Hymenop., Lepid., Coleopt.* C. Ex.*
Neumann, C., Burgsteinfurt. *Ent.*

Neumann, Prof. C., Univ., Königsberg. *Pathol. Anat. and Histol.*
Neumann, Prof. K., Univ., Leipsic. *Math.*
Neumayer, Prof. Dr. George, Director Deutsche Sternwarte, Hamburg. *Geography, Magnetism, Meteorology, Hydrography.*
Nicolai, Dr. A., Greussen, bei Erfurt. *Ent.*
Niemeyer, C. H. Robert, Nue Springeltwiete, Hamburg. *Coleopt.* C. Ex.*
Niepraschk, J., Dir. Botanic Gardens, Hort. School, and Fresh and Salt Water Aquarium, Cologne. *Bot.: Ferns, Hort., Meteo., Zool., Ichth.* Herbarium of wood, seeds, and artificial fruits.*
Nies, Dr. August, Docent, Grossh. Realschule, I, ordn., Mainz. *Nat. Sci., Min.*
Nies, Prof. Dr. Friedrich, Hohenheim. *Min., Geognosy.*
Nietschmann, Seidelstr., 3, Berlin. *Lepid.*
Nitsche, Prof. Dr. H., Tharand. *Zool.*
Nitschke, Particulier, Breslau. *Lepid.*
Nitschke, Prof. Dr. Th., Münster. *Bot.*
Nobbe, Dr. Fred, Tharand. *Bot.*
Noetling, Dr. Fritz, Assistent am Min. Museum, Königsberg, Prussia. *Geol., Palæo.* (Diluvial of E. Prussia.)
Nöldeke, Celle. *Bot., Geol.**
Noldeke, T., Strasburg.
Noll, Dr. F. C., 96, Oederweg, Frankfort-on-Main. *Moll.*
Nördlinger, Prof. Dr. Forstrath von, Univ., Tübingen. *Bot., Zool., Wood Technol.**
Northagel, Prof. D. Hermann, Univ., Jena. *Pathol.*
Nöther, Prof. M., Univ., Erlangen. *Math.*
Notling, Fritz, N. Schlegelstr., 18, Berlin. *Moll.*
Nuhn, Prof. A., Univ., Heidelberg. *Osteol., Anat.*
Nussbaum, Dr. Joh. Nepomuk Ritter von, Prof. Univ., Munich. *Anat.**
Nussbaum, Prof. M., Univ., Bonn. *Mic., Anat., Osteol.*
Nüsslin, Prof. Otto, D. Sc. Polytechnicum, Carlsruhe. *Zool., Ichth., Coleopt., Protozoa.* C. Ex.*
Obenauf, Gustav, Zeitz. *Lepid., Coleopt., Hemipt., Orthopt., Neuropt.* C. Ex.*
Oberbeck, Prof. Dr. Anton, Univ., Halle. *Phys.*
Oberndorfer, Rudolf, Lehrer der Universität der Naturkunde, und k. Landschule, Günzburg. *Ent., especially Coleopt, Malacology.* C. Ex. Wishes first-class specimens of L. and F. W. shells from all countries.
Oebbecke, Dr., Docent, Univ., Munich. *Petrog., Min., Crystal.*
Oertzen, von, Brunn, bei Neubrandenburg. *Lepid.*
Oettel, Aug., Karmeliterstrasse, 2, Munich. *Ent.*
Olboeter, Mellen, bei Dramburg. *Coleopt., Lepid.*
Olearius, Alfred, Mem. Naturhistor. Vereins, Elberfeld. *Ent.: Lepid.*, C. Ex.*
Olearius, Robert, Harburg. *Lepid.* C. Ex.
Olshausen, Prof. Dr. Robert, Univ., Halle.
Oppenheim, Dr. H., Blumeshof, 1, Berlin, W. *Ast., Photog.**
Oppenheim, Paul, Heidelberg. *Lepid.*
Oppermann, C., Lehrer, Grünstr., 16, Bitterfeld. *Coleopt.* C. Ex.
Orth, Prof. A., Univ., Berlin. *Org. Chem., Bot.*
Orth, Prof. J., Univ., Göttingen. *Pathol. Anat. and Histol.*
Ost, H., Univ., Leipsic. *Histol., Chem.*
Osten Sacken, Baron Charles Robert, Heidelberg. *Dipt.* C. Ex.*
Osterbind, Aug., Oldenburg. *Ent.*
Otting, Count Max, Wiesenfelden. *Moll.*
Paalzow, Prof. Dr., Wilhelmstr., 50, Berlin.

Paasch, Dr., Stralauer Brücke, 4, Berlin. *Coleopt.*
Pabst, Prof. Dr. Moritz, Chemnitz. *Phæn. Bot., Geol., Chem., Phys., Lepid.* C. Ex.*
Pagenstecher, Dr. Arnold, Taunustrasse, 22, Wiesbaden. *Lepid.* C. Ex.
Pagenstecher, Prof. Dr. Heinrich A., Dir. Zool. Mus., Hamburg. *Zool.*
Pahle, Puttkammerstr., 10, Berlin. *Lepid.*
Pape, Prof. C., Univ., Königsberg. *Phys.*
Pappenheim, Dr. Samuel, Berlin.
Pasch, Prof. M., Univ., Giessen. *Math.*
Passavant, Th., Oberlinden, 78, Frankfort-on-Main. *Hymenop., Dipt.*
Patze, Königsberg. *Bot.*
Paul, Unter den Linden, 64, Berlin. *Coleopt., Lepid.*
Pauli, G. R., Göttingen.
Paulisch, R., Fruchtstr., 77, Berlin. *Coleopt.*
Paulsen, P., Königstrasse, 21, Flensburg. *Ool.*
Pauly, Dr. A., Veterinärstr., 5, Munich. *Ent.*
Pauly, Peter August, Ph.D., Privat-docent Kgl. Univ., Hess-Strasse, 54, II, r., Munich. *Zool.**
Peck, F., Schweidnitz. *Bot.*
Peck, Dr. R., Goerlitz. *Bot.*
Penck, Dr. Albrecht, Munich. *Geol.*
Penzoldt, Prof. Franz, Univ., Erlangen.*
Perlenfein, G., Gr. Eschenheimergasse, 76, Frankfort-on-Main. *Bot.**
Perring, W., Bot. Gardens of the Univ., Berlin. *Zool., Bot.*
Peter, Dr. Albert, Bot. Gardens, Munich. *Bot.*
Peters, Dr., Neu-Strelitz. *Ent.*
Peters, A., Salzdahlumerstrasse, Brunswick. *Lepid.*
Peters, Dr. C. W. F., Univ., Kiel. *Ast.*
Peters, Prof. W., Roy. Univ., Berlin. *Zool.*
Petersen, Hartwig, Hamburg. *Moll.*
Petersen, Dr. Theodor, Frankfort-on Main. *Chem.*
Pethö, Gyula, Munich. *Geol.*
Petry, Arthur, Schwanthalerstr., 67, Munich. *Ent.*
Petsch, Gustav, Wiesbaden. *Lepid.*
Pettenkofer, Prof. Dr. Max von, Univ., Munich. *Hygiene.*
Petzholdt, Dr. Alexander, Prof. Emeritus, Wirklicher Staatsrath, zur Zeit, Freiburg, Baden.*
Pfaff, Prof. F., Roy. Univ., Erlangen. *Min., Geol.*
Pfaffzeller, Franz, Munich. *Ent.*
Pfeffer, Georg, Ph.D., Naturhistorischen Museum, Hamburg. *Anat., Ichth., Osteol., Crustacea, Moll., Radiates.**
Pfeffer, Prof. W., Univ., Tübingen. *Bot., Mic.*
Pfeiffer, Eisenberg. *Lepid.* C. Ex.
Pfitzer, Prof. Dr. E., Dir. Bot. Garden, Heidelberg.
Pfleiderer, Prof. E., Univ., Tübingen. *Phil. Anth.*
Pflüger, Prof. E., Univ., Bonn. *Physiol.*
Pflümer, Hameln. *Lepid.* C. Ex.
Pfützner, J., Alexandrinenstr., 87, Berlin. *Lepid.*
Philippi, Prof. A., Univ., Giessen. *Arch.*
Physikalische Gesellschaft, F. Rüdorff, Corresponding Secretary. C. Niederwallstrasse, 12, Berlin.*
Pickel, Landsberg. *Coleopt., Lepid.*
Pietsch, Or. Glogau. *Coleopt.*
Pinner, Adolf, Ph.D., Univ., Berlin. *Chem.**
Pinzger, Prof. Dr., Reichenbach. *Bot.*
Pirngruberr G., Gaisach, bei Tölz. *Ent.*
Pitsch, Gymnasial-Oberlehrer, Stettin. *Coleopt.*

Planck, Dr. Max, Privat-docent a. d. Kgl. Universität, Barerstrasse, 48, II, Munich. *Physics.*
Planeth, Dr. H., Schwerin, Mecklenburg. *Con., Min.**
Planitz, v. d., Neidschütz, bei Naumburg. *Ent.*
Plötz, C., Greifswald. *Lepid.*
Pochhammer, Prof. L., Univ., Kiel. *Math.*
Podlech, Theodor, Brandenburg. *Orn., Coleopt.* C. Ex.*
Pogge, Greifswald. *Lepid.*
Pohlig, Dr. J., Docent, Univ., Bonn. *Geol., Palæo.*
Polakowsky, Dr. H., Augustastr., 49, Berlin. *Flora of Costa Rica.*
Poleck, Dr. T., Prof. Chem., Roy. Univ., Breslau.
Pollack, Wilhelm, Kaufmann, Südefelderstrasse, Münster. *Ent.: Lepid.* C. Ex.
Pollmann, Dr., Agric. Acad., Poppelsdorf, bei Bonn. *Apiculture, Geog., Bot.*
Polstorff, Prof. C., Univ., Göttingen. *Chem.*
Polytechnische Gesellschaft, Friederstrasse, 35, Berlin. C.
Pompetzki, Josef, Breslau. *Gen. Science.*
Poppe, Albrecht, Kreftingstrasse, 14, Bremen. *Zool. (Acar., Pedicul., Copepoda.*
Poscharsky, G. A., Bot. Gardens, Dresden. *Bot.*
Possavant, Theo., Frankfort-on-Main.
Post, Prof. J., Univ., Göttingen. *Chem.**
Posth, F, Bischwiller. *Ent.: Lepid.*
Potonié, Henry, Assistant am Kgl. Botanischen Garten, Dorotheenstr., 42, Berlin, N.W. *Bot.* Herbarium to sell.*
Pott, Dr. Rob., Docent, Univ., Jena. *Agric., History of Chem.*
Pougnet, Eugène, Ingénieur, Landroff (Lorraine). *Zool., Palæo., Min.* C. Ex. Wishes objects of Zoology, Palæontology, and Mineralogy, especially mammals, birds' eggs, Arachnids, L. and F. W. shells, insects, fossils, etc., in exchange, the same specimens of Lorraine and exotic, and insects and fossils of France. Fossil insects and amber of Prussia, and tertiary of S. France.*
Praeger, Franz, Lauban. *Ent.*
Prahl, Dr. P., Flensburg. *Bot.*
Prantl, Dr. Karl, Professor der Botanik an der k. Forstlehranstalt, Aschaffenburg *Bot., Filices.* C.*
Prazmowski, Dr. Adam, Hohestr., 11, Leipsic. *Bot.*
Preiss, Dr. Johannn A. L., Herzberg-on-Harz. *Bot.*
Prestel, Dr. Michael A. F., Prof. Math. and Phys., Emden.
Preuss, Wilhelm Heinrich, Navigation-Lehrer, Elsfleth. *Physical Science, Biology.* C. Ex. Beetles of the North of Germany for others.*
Preussing, Hr., Benburg. *Bot.* C. Ex.
Preyer, Thierry William, Prof. Univ., Jena. *Physiol. Chem., Physiol., Gen. Biol., Emb., Psychology.**
Preyer, W., Professor Universität, Jena. *Physiology of Embryology.*
Pribisch, Telegraphen-Secretär, Leipsic. *Lepid.*
Pringsheim, Dr. A., Docent, Univ., Munich. *Math.*
Pringsheim, Dr. N., Professor, Bendlerstrasse, 31, Berlin, W. *Bot., Phys.*
Prittwitz, von, Brieg. *Lepid.*
Probst, Dr. Josst, Würtemberg.
Progel, Dr. A., Waldmünchen. *Bot.*
Prym, Prof. F., Univ., Würzburg. *Mathematics.*
Püngler, Pet. Jac., Aix-la-Chapelle. *Lepid.*
Purrmann, Heinrichau. *Lepid.*
Puttrich, Dr. Ludwig, Brühl, 64, Leipsic. *Lepid.*

Putze, H., Uhlenhorst, Hamburg. *Lepid.*
Quapp, Dr., Leer. *Coleopt., Lepid.*
Quedenfeldt, Frobenstr., 29, Berlin. *Coleopt.*
Quenstedt, Prof. F. A. v., Univ., Tübingen. *Geog., Nat. Hist.*
Quincke, Prof. G., Univ., Heidelberg. *Optics, Elect.*
Raacke, Breslau. *Lepid.*
Raddatz, Ad., Director höhern Bürgerschule, Rostock. *Dipt.*
Rade, E., Münster. *Ent.*
Rademann, Malchin (Mecklenburg). *Ent.*
Radicke, Prof. G., Univ., Bonn. *Math.*
Rakdlofer, Dr. Ludwig, Universität Professor, Munich (Bavaria). *Bot.**
Rabl-Rückhard, Dr. Hermann, Genthinerstr., 5a, Berlin. *Mic., Emb. and Anat. of Vert., Anth., Eth.**
Rammelsberg, Prof. E., Roy. Univ., Berlin. *Chem.*
Ramsay, Prof. Dr Wilhelm, Schönebergerstrasse, 10, Berlin. *Chem.*
Rangabé, A. B., Berlin.
Ranke, Dr. J., Docent, Univ., Munich. *Gen. Nat. Hist.*
Ranke, Leopold, Berlin.
Rassmann, gr. Planenschegasse, 9, Dresden. *Coleopt.* C. Ex.
Rath, Prof. Gerhard von, Bonn. *Geol., Min., Crystal., Lithol.* C. Ex.*
Rathke, Prof. B., Halle (Saxony). *Org. Chem.*
Rathke, Carl, Alexandrinenstrasse, 41, Berlin, S. *Chem.*
Rau, Dr., Hohenheim, near Stuttgart. *Bot.*
Rauber, Prof. A., Univ., Leipsic. *Anat., Emb.*
Recklinghausen, Prof. F. von., Univ., Strasburg. *Pathol. Anat. and Histol.*
Reclam, Prof. Dr. Carl H., Univ., Leipsic.
Reclam, Ph., Cöslin. *Coleopt.*
Reess, Prof. Dr. Max F. F., Univ., Erlangen. *Bot.**
Reez, Hamburg. *Ent.*
Rehm, H., M.D., Ratisbonne. *Bot., Mycology, Ascomycetes, Lichenology.**
Reiber, Ferdinand, Faubourg de Saverne, 8, Strasburg (Alsace). *Coleopt., Hemipt.*
Reichardt, Prof. Dr. Edward, Univ., Jena. *Chem.*
Reichenau, Lieut. Wilh. von, Conservator des Museums, Mainz. *Lepid.*
Reichenbach, Prof. Dr. H. G., Dir. Bot. Garden, Hamburg. *Orchids.*
Reichenbach, Dr. Johann P. D., Altona.
Reichenow, Dr. Anton, Redacteurdes Ornithologischen Centralblatts, Vorsitzender des Deutschen Vereins für Vogelzucht und Acclimatisation, Grossbeerenstrasse, 52, Berlin, S.W. *Orn.**
Reicherbach, Heinrich, Frankfort-on-Main. *Zool.**
Reichert, Prof. Dr. Carl B., Univ., Berlin. *Anat.*
Reichlin-Meldegg, Frh. Gustav von, Munich. *Coleopt., Lepid., spec. Micro-lepid.*
Reiff, Rep. Univ., Tübingen. *Math.*
Reifferscheid, Prof. Al., Univ., Greifswald. *Min.*
Reimers, D., Aabenraa, Sleswick. *Bot.*
Rein, I. I., Ph.D., Senckenberg Soc. of Nat. Hist., Frankfort-on-Main.
Reinecke, Lehrer, Gernrode. *Coleopt., Lepid.* C. Ex.
Reinhard, Dr. Hermann, Präsid. d. Landes-Medicinal-Collegium, Johannisstrasse, 14, Dresden. *Hymenop.**
Reinhardt, Küchengartenstr., 11, Neurendnitz, bei Leipsic. *Lepid.*
Reinhardt, Dr. O., Oranienstr., 45, Berlin, S. *Moll.*
Reinhold, Prof. Heinrich, Dir. Landwirthschaftlichen Versuchs-Station, Rostock.*
Reinke, Prof. J., Univ., Göttingen. *Bot., Mic.*

Reinsch, Paul, Friedrich, Erlangen, Bavaria. *Mic., Bot., Geol., Palæo.* Wishes spec. of coal from all parts of the world, rare cases of enclosures in coal measures, Hornstone of Silver and Carbon. Ex. Phænerogams and Cryptogams (including Algæ) of Europe, Mic., sections of coal, minerals, and rocks.*

Reiss, Dr. Wilhelm, Berlin. *Geol., Eth., Geog.**

Rehberg, Hermann, Mülenkamp, 28, Bremen. *Lepid.*

Rehnisch, Prof Dr. Julius Eduard, Göttingen. *Phys., Gen. Biol., Anth.**

Remak, Dr. Ernst, Privat-docent, Univ., für Nerven-pathologie, Wilhelmstr., 80*a*, Berlin. *Pathol.**

Renner, Regensburg. *Ent.*

Rennert, Carl, Mühlenbach, 24, Cologne-on-the-Rhine. *Org. Chem.*

Rensch, Rector, Nostizstrasse, 14, Berlin. *Bot.*

Renz, Dr. Will. Theodor, Kgl. Baderarzt und Geheimer Hofrath und Vorstand der Bad. Cus., Anstalt. *Balneology, Neurology, Electricity.* C. Ex.

Reumont, Dr. Alex., Aix-la-Chapelle.

Reusch, Prof., Dr. F. E. von, Univ., Tübingen. *Bot.*

Reutti, K., Freiburg, (Baden). *Ent.*

Rey, Eugene, Ph.D., Leipsic. *Mam., Orn., Ool., Lepid., Moll., Radiates, Sponges, Protozoa.**

Reye, Dr. Theodor, Prof. Univ., Strasburg. *Math.*

Rhone, A., Webervorstadt, 34, Zittau. *Nat. Hist.*

Ribbe, Blasenitz. *Lepid., Coleopt.*

Richter, Dr., Göttingen. *Coleopt.*

Richter, Fritz, Eppelsheim, Grünstadt. *Lepid.*

Richter, Otto, Leipsic. *Lepid.*

Richter, Paul, Lehrer, Aeussere Hospitalstrasse, 6. *Bot.: Algæ.* C. Ex. Algæ of all kinds for F. W. Algæ.*

Richter, Dr. Reinhard, Saalfeld.

Richter, Prof. V. v., Univ., Breslau. *Chem.*

Richter, Wald., Leipsic. *Lepid.*

Richter, Ferd., Ph.D., Oberlehrer, Frankfort-on-Main. *Crustacea.**

Richthofen, Prof. Dr. Ferdinand F. von, Bonn.

Riecke, Prof., Göttingen. *Phys.*

Ried, Prof. Dr. Franz J., Univ., Jena.

Riemenschneider, C., Barfüsserstrasse, 11, Nordhausen. *Moll.*

Riese, Dr. Ferdinand, Frankfort-on-Main.

Riess, Prof. Dr., Spandauerstr., 81, Berlin.

Riessland, Rob., Badergasse, Dresden. *Coleopt.* C. Ex.

Rindfleisch, A., Askanischestr., 47, Dessau. *Lepid.* C. Ex.

Rindfleisch, Prof. G. E., Univ., Würzburg. *Pathol. Anat.*

Rinecker, Prof. Dr. Franz von, Univ., Würzburg. *Syphilis, Dermatology, Psychiatry.**

Ringseis, Prof. Dr. Johann N. von, Munich.

Ritter, Dr., Docent, Marburg. *Ent.*

Ritter, Jr., Wiesbaden. *Lepid.*

Ritthausen, Prof. H., Univ., Königsberg. *Chem.*

Roder, Adolf, Wiesbaden. *Lepid.*

Röder, Victor von, Hoym (Anhalt). *Diptera.**

Rodewald, Dr. H., Inst. Physiol, Göttingen. *Bot.*

Roemer, Ferdinand, Royal University, Breslau, Prussia. *Geol., Palæo.* C. Ex. Palæozoic and other fossils of Europe for North American specimens.

Roeper, Dr. Johann A. C., Director Botanical Gardens, Prof. Univ., Rostock.

Roessler, Dr. Adolf, Wiesbaden. *Local Lepid.* C. Ex.

Roger, Dr. O., Schwandorf. *Coleopt.*

Rohde, Dr. Emil, Oberlehrer, Striegauer Pl., Breslau. *Chem.*
Rohde, Walther, Albrechtstr., 7, Magdeburg. *Ent.*
Rohn, Dr. K., Docent, Univ., Leipsic. *Math.*
Rohleder, Friedrich, Aschersleben (Saxony).
Rohleder, J. O., Lindenau, Leipsic.*
Rohrmann, Bernstadt (Silesia). *Moll.*
Rohweder, Joh., Husum. *Orn., Ool.*
Röll, Dr. Julius, Lehrer an der höh. Mädechenschule, Darmstadt. *Bot., Mosses of Thüringen.* C. Ex. Mosses of Germany for those of America.
Römer, Prof. F., Univ., Breslau. *Min., Geognosy, Palæo.*
Römer, W., Hildescheim. *Palæo., Arch.*
Röntgen, Prof. W. C., Univ., Giessen. *Phys.*
Roos, Heinr., Frankfort-on-Main. *Moll.*
Roose, Wilhelm, Frankfort-on-Main.
Rosanes, Prof. J., Univ., Breslau. *Math.*
Rose, Dr. Edmund, Mariannenplatz, 3, Berlin, S.O. *Phys., Anat.* C.*
Rose, F, Prof. Univ., Strasburg (Alsace). *Chem.*
Rosenberger, Prof. A., Univ., Halle. *Math., Ast.*
Rosenberger, Dr. Johannes A., Docent, Univ., Würzburg. *Mic., Osteol., Myol., Chirurgy.**
Rosenbohm, Eug., Bot. Gardens, Königsberg. *Bot.*
Rosenbuch, Prof. H. F., Univ., Heidelberg. *Min., Geol., Petrography.*
Rosenhain, Prof. J. G., Univ., Königsberg. *Math.*
Rosenthal, Prof. I., Univ., Erlangen. *Physiology.*
Rossbach, Prof. Dr. A., Roy. Univ., Berlin. *Philol., Arch., Hist.*
Rossi, K. Gustave de, Neviges. *Coleopt.*
Rossler, Adolf von, Rechtsanwalt, Limburg. *Lepid.*
Rostock, Michael, Lehrer, Seitschen. *Neuropt.* C.*
Roth, Prof. G., Univ., Strasburg. *Math.*
Roth, Prof. Dr. Justus, Univ., Berlin. *Min., Geol.*
Roth, Insp. Bot. Gardens, Muskau (Silesia). *Bot.*
Rothlieb, Hamburg. *Ent.*
Rottenbach, Prof., Meiningen. *Bot.*
Roux, Dr. W., Docent, Univ., Breslau. *Teratology.*
Rudel, Wilhelm, Ohlauerstr., 68, Breslau. *Lepid.*
Rüdinger, Prof. N., Univ., Munich. *Anat.*
Rüdorff, Prof. Dr., Polytechnicum, Berlin. *Chem.*
Rudow, Dr. F., Perleberg. *Orthopt., Hemipt., Hymenop.*
Ruge, Dr G., Docent, Univ., Heidelberg. *Osteol., Anat.*
Rügheimer, Dr. L., Docent, Univ., Kiel. *Chem.*
Rühe, Landsberg. *Coleopt., Lepid.*
Rühter, Dr Reinhardt, Director, Hofrath, Saalfeld. *Geol., Palæo.* C.
Rümker, George, M. A., Director der Sternwarte, Reichs-Prüfungs-Inspector für die Nautischen Prüfungen der Deutschen Handels-Marine, Abtheilungs-Vorstand der Deutschen Sternwarte, Hamburg. *Astronomy and Navigation.* C. Library of Astronomical and Nautical works.
Rummer, Prof. F., Univ., Heidelberg. *Math., Mechanics.*
Rupp, Lehrer, Schweidnitz. *Coleopt.*
Rüppell, Dr. Edward, Frankfort-on-Main. *Zool.*
Rüppell, Dr. Wilhelm P., Frankfort-on-Main.
Russ, Prof. Karl F. O., Ph.D., Bellealliancestrasse, 81, Berlin, S.W. *Orn.* C. Will exchange or buy rare exotic birds.*
Rüst, Dr., Gr. Eicklingen, bei Celle. *Ent.*
Rüst, Dr. D., Friedrichstrasse, 22, Freiburg. *Ent.* C. Ex.*
Rusz, Docent, Hanau. *Ent.*
Ruthe, R., Bärwalde. *Bryol.*

Rutter, Dr., Neustadt. *European eggs.* C. Ex.
Saalmuller, Max, Königlich Preussischer Oberstlieutenant a. d. Grüneburgweg, 92, Frankfort-on-the-Main. *Ent.: Lepid.* C. Ex. Wishes Lepidoptera of Madagascar, Ceylon, and Hayti.
Saalschütz, Prof. L., Univ., Königsberg. *Math.*
Saare, Dr., Invalidenstrasse, 42, Berlin, N. *Agric. Chem.*
Sachs, Prof. Dr. Jul. von, Univ., Dir. Bot. Gardens, Würzburg. *Bot.*
Sachse, C., Altenkirchen, Reg. Bez., Cobleny. *Ool.*
Sachsse, Dr. Rob., Univ., Leipsic. *Bot., Chem.*
Sadebeck, Prof. Dr. Richard, Pres. Gesell. f. Bot., Cur. Bot. Inst. im Gemerbemuseum, Besenbinderhof, 48, Hamburg. *Bot., Physiology of plants. Morphology, Mycology.**
Saderbeck, Dr. Prof. in dem Königl. Geodesischen Institut, Steglitzerstr., 4*f*., Berlin, W. *Geodesy.*
Saifert, J., Bot. Gardens, Erlangen. *Bot.*
Salkowski, Prof. Dr. E., Patholog. Inst. der Kgl. Charité, Berlin. *Chem.*
Salkowski, Prof. H., Univ., Münster. *Chem.*
Salm-Salm, Prince zu, Anhalt, Westphalia. *Moll.*
Salmin, St. Pauli, Hamburg. *Lepid.*
Salomon, C., Bot. Gardens, Würzburg. *Bot.*
Samter, Director Dr., Königsberg. *Ent*
Sandberger, Prof. C. L. F., Univ., Würzburg. *Geol., Min., Palæo.*
Sandberger, Prof. Guido, Freiburg. *Lepid.*
Sander, Prof. Dr. Julius, Belle-Alliancestrasse, 15, Berlin, S.W. *Physiology and Medicine.*
Sanio, Carl Gustav, Ph.D., Lyk (E. Prussia). *Phæn. Bot.: Ferns, Mosses.* C.*
Sattler, Georg C. G., Schweinfurt. *Chem.*
Sattler, J. C., Schweinfurt. *Chem.*
Sauber, A., Hamburg. *Lepid.* C. Ex.
Saulcy, Fél. de, Rue Chatillon, 3, Metz. *Coleopt.*
Schaaffhausen, Prof. Dr. Hermann, Univ., Bonn. *Palæo., Geol., Mic., Gen. Biol., Anat., Anth., Arch., Eth., Osteol.* C.*
Schabert, J. W., Sec. Soc. Hort. of Hamburg, Altona, Eimsbüttel, Sandweg, 25*b*., Hamburg. *Bot.*
Schacko, Gustav, Waldemarstrasse, 14, Berlin, S.O. *Moll., Mic., Foraminifera, Anat., Ostracoda, recent and fossil.* C. Ex. samples of deep-sea sounding.*
Schade, Harmstr., 18, Kiel. *Coleopt., Lepid.*
Schaeffer, Prof. H., Univ., Jena. *Math., Physics.*
Schäfer, Calbe. *European Macro-lepid.* C. Ex.
Schäffer, Prof. Dr Carl J. T. H., Univ., Jena. *Math. and Phys.*
Schafhäutl, Prof. C. F. v., Univ., Munich *Geog., Petrog.*
Schapler, Obergärtner, Baumschulen, bei Albona. *Coleopt., spec. Curcul.*
Schauf, Dr. Wilhelm, Phonstrasse, 119, Frankfort-on-Main. *Geol., Min.*
Schaufuss, Camillo Festiv, Assistent am Museum Ludwig Salvator, Oberblasewitz, Dresden. *Zool.* C. Ex. for insects.*
Schaufuss, Dr. Ludwig Wilhelm, Ritter, Director des Museum Ludwig Salvator, Oberblasewitz, near Dresden. *Zool.* Wishes to sell eggs, birds, shells, beetles, crustacea. Wishes foreign *Pselaphidæ, and Leydmænidæ.*
Scheffer, C. G., Bockenheim. *Lepid.*
Scheffler, Blankenburg. *Lepid.*
Scheibler, Dr. C., Prof. der Chemischen an der Königl. Landwirthschaftlichen Hochschule und Dir. des Chemischen Lab. für die Rübenzuker-Industrie, Alexandrinenstr., 24, Berlin. S.W.
Scheidel, Seb.-Al., Eschenheimer Anlage, 38, Frankfort-on-Main. *Coleopt.*

Scheiffele, J., Gymnasiumstrasse, 10, I, Stuttgart. *Coleopt., Larvæ.*
Schellenberg, Wiesbaden, *Lepid.*
Schellhass, Prof. v., Landshut (Bavaria). *Chem., Nat. Hist.*
Schenk, Prof. Dr. August von, Univ., Leipsic. *Bot.*
Schenk, Freiherr von, Darmstadt. *Lepid.*
Scherenberg, Grohn, near Vegesack. *Orn.*
Scherfling, Neue Wilhelmstr., 12, Berlin. *Diptera.*
Schering, Prof. E., Univ., Göttingen. *Math., Phys., Analyt. Mechanics.*
Schieck, Halleschestr., 15, Berlin. *Coleopt.*
Scheidel, Seb.-Al., Museum, Senckenberg, Gärtnerwez, 62, Frankfort-on-the-Main. *Coleopt.**
Schiefferdecker, Dr., Königsberg. *Coleopt.*
Schiefferdecker, Dr. P., Docent, Univ., Rostock. *Emb.*
Schierbrand, Wolf C. von, Dresden.
Scherzer, Dr. Carl H. von, Leipsic.
Schick, Dr. Oscar, Professor am Gymnasium, Weimar. *Math., Phys.*
Schilde, Johannes, Bautzen. *Lepid.* C. Ex.
Schiller, Carl, Katherinenstr., 4, Dresden. *Mosses, Algæ, Diatoms, Desmids, Ent.: Hemipt., Neuropt.* C. Ex.*
Schilksky, J., Schönhauser Allee, 160, Berlin. *Ent.*
Schindler, Bahnexpeditor in Regensburg. *Gen. Ent.*
Schink, Zwickau. *Coleopt.*
Schirm, Dr. J. W., Wiesbaden. *Lepid.*
Schirmer, Engelufer, 12, Berlin. *Ent.*
Schirmer, F., Bahnhofstr., Wiesbaden. *Moll.*
Schirmer, H. L. W., Charlottenburg. *Gen. Ent.*
Schiwon, Berthold, Breslau. *Lepid.*
Schlagintweit, Robert von, Prof. Universität, Giessen (Hessen). *Physical Geography, Ethnology.* C. Wishes to sell Asiatic skulls, skeletons, ethnological casts, and objects of various kinds.
Schlechtendal, D. von, Zwickau. *Coleopt., Hymenop., Hemipt.*
Schlechtendal, D. H. R. v., Halle. *Plant Diseases, Insect Galls, Arach.* C. Ex.*
Schlegel, Breslau. *Coleopt.*
Schlemm, Dr. Oscar, Rastenburg. *Moll.*
Schlickum, J., Winningen. *Bot.*
Schlieben, Major von, Bautzen. *Ent.*
Schliephacke, Dr. Karl, Waldau, near Osterfeld, Merseburg (Prussia). *Bryol., Mosses.* C. Ex.
Schlömilch, Prof. Dr. Oscar, Dresden. *Math.*
Schlosser, Glückstr., 1, Munich. *Lepid.*
Schlumberger-Dollfuss, Jean, Guebwiller, Alsace. *Coleopt.*
Schlüter, Halle. *Ent.*
Schlüter, Prof. Dr. Clemens, Bonn. *Palæo., Geognosy.*
Schlüter, Wilhelm, Naturalist, Halle-on-Saale. *Zool., Vert., Mam., Orn., Ool., Tax., Osteol., Moll.* C. Ex.*
Schmetzer, Carl, Hospitalstr., 22, Leipsic. *Lepid.*
Schmid, Anton, Regensburg. *Micro-lepid., Larvæ.*
Schmid, Prof. Dr. Ernst E., Univ., Jena. *Min., Geol.*
Schmid, P., Bot. Garden, Darmstadt.
Schmidt, Klosterfelde, bei Basdorf. *Ent.*
Schmidt, Obergärtner, Flottbecker Baumschule, bei Hamburg. *Coleopt., Curculionidæ.*
Schmidt, Pfarrer in Zülzefitz, bei Labes. *Coleopt., Con.* C. Ex.
Schmidt, Stettin. *Lepid.*
Schmidt, Prof. A., Univ., Heidelberg. *Geol., Min.*
Schmidt, Adolphe, Aschersleben. *Diatoms.*
Schmidt, Prof. Ernst, Ph.D., Univ., Halle. *Chem.**

Schmidt, Franz, Zelle'scher Weg, Dresden. *Lepid.*
Schmidt, Dr. Heinr., Docent, Wismar. *Coleopt.*
Schmidt, Rev. Johannes, Gollwitz, bei Brandenburg. *Coleopt.* C. Ex. Histeridæ.*
Schmidt, Prof. Dr. J. A., Univ., Heidelberg; Mittelstr., 37, Hamburg. *Bot.*
Schmidt, Dr. Maximilian, Dir. Zool. Gardens, Frankfort-on-Main.
Schmidt, Prof. Dr. O., Thierarzneischule, Stuttgart. *Chem.*
Schmidt, O., Weimar *Moll.*
Schmidt, Prof. Osc., Univ., Strasburg. *Zool., Mic.*
Schmidt, Dr. Otto, Oberlehrer, Breslau *Math., Phys.*
Schmidt, Rev. Theodor, Klosterfelde, Potsdam. *Coleopt.* C. Ex.*
Schmiedeknecht, Otto, Ph.D., Gumperda. *Ent.: Hymenop., Arach.* C Ex.*
Schmitt, Dr., Mayence. *Coleopt.*
Schmitt, Prof. Dr. R., Polytechnicum, Dresden. *Chem.*
Schmitz, Prof. F., Roy. Univ., Bonn. *Bot.*
Schmolling, Strasburg. *Lepid.*
Schmurr, Wollin. *Coleopt.*
Schnauss, Dr. Julius C., Jena.
Schneegans, Prof. Dr., Strasburg.
Schneidemühl, Georg, K. Thierarzeneischule, Hannover, Prussia. *Histol., Anat., Ent.**
Schneider, Prof. Dr. A., Roy. Univ., Breslau. *Zool.*
Schneider, Prof. E. R., Univ., Berlin. *Phys.*
Schneider, L., Zerbst. *Bot.*
Schneider, Dr. Oscar, Portikusstr., 4, Dresden. *Physical Geography, Coleopt.* C. Ex. European Caucasian beetles for foreign amber and insects of all countries.
Schneider, Dr. W. G., Breslau. *Mycology.*
Schneider, Prof. Dr., Dorotheenstr., 46, Berlin.
Schneider, Prof., Frankfort-on-the-Main. *Coleopt.*
Schöbel, Pfarrer, Ottmuth, Krappitz (Upper Silesia). *Lichens., Phænerogams.*
Schödler, Prof. Dr., Potsdamerstr., 13, Berlin.
Schoeler, Prof. Dr. Heinrich Leopold, Karlstrasse, 2, Berlin. *Physics, Optics, Anth., Ophthalmology.**
Scholz, Prof. M., Univ., Greifswald. *Min.*
Schönfeld, Hauptmann v., Erfurt. *Coleopt.*
Schönfeld, Prof. E., Roy. Univ., Bonn. *Ast., Math.*
Schöppe, Eisenberg. *Lepid.* C. Ex.
Schorer, Th., Lübeck. *Chem.*
Schottelius, Prof. M., Univ., Marburg. *Pathol. Anat.* and *Histol.*
Schottky, Dr. F., Docent, Univ., Breslau. *Math.*
Schrader, Dr. Carl, Observator der Hamburger Sternwarte, Hamburg. *Astronomy.*
Schramm, Max von, Margarethenstr., 36, I, Breslau. *Geog.*
Schrebank, Tworkau. *Lepid.*
Schrefeld, Muskau. *Bot.*
Schrickel, Licktenbergerstr., 2, Berlin.
Schreiber, C., Lehrer, Markt., 8, Bitterfeld. *Coleopt.* C. Ex.
Schreiber, M., Esslingen (Würtemberg). *Gen. Ent.* C. Ex.*
Schreiner, Weimar. *Lepid.*
Schreitmüller, Professor, Poliergasse, 8, Dresden. *Lepid.* C. Ex.
Schroder, Prof., Carlsruhe. *Phys., Chem.*
Schroder, Munich. *Phys., Chem.*
Schröder, Regierungsstr., 4, Cöslin. *Coleopt.* C. Ex.
Schroederstift, Ed. Otto, 29, II, Louisenstrasse, Hamburg. *Bot.*

Schroeter, Dr. Julius, Breslau. *Mycol.*
Schröter, Prof. H. E., Univ., Breslau. *Math.*
Schuchardt, Carl, Sandstr., 2, Darmstadt, *Coleopt.*
Schuchardt, Dr. Theodor, Manufacturing Chemist and Dealer in minerals, Gorlitz. *Phæn. Bot., Min., Chem.* C. Ex.*
Schüle, W., Dir. Pomol. Sch., Brumath. *Bot.*
Schüler, Dr., Höchst. *Lepid.*
Schülter, Prof., Univ., Bonn. *Geol.*
Schültes, Dr. J. H., Schwanthalerstr., 41, Munich. *Bot.*
Schultheiss, Benj., Königstr., 43, Munich. *Coleopt.*
Schultz, Prof. Dr. A., Roy. Univ., Breslau. *Arch.*
Schultz, Dr. A., Finsterwalde. *Bot.* C.
Schultz, Dr. G., Docent, Univ., Strasburg. *Chem.*
Schultz, Gustav, Ph.D., Baerwaldstrasse, 7, Berlin, S. *Chem.**
Schultze, Prof. Dr. Hugo, Brunswick. *Bot., Chem.*
Schultze, Capt., Ehrenfeld, near Cologne. *Coleopt.*
Schultze, Prof. Dr. Bernhard, Univ., Jena.*
Schulz, Dr., Linienstr., 12, Berlin.
Schulz, Dr. Jac., Plauen (Vogtland). *Ent.*
Schulze, H., Lorengstrasse, Breslau. *Mosses.*
Schulze, Max, Jena. *Bot.*
Schumann, Dr., Reichenbach. *Bot.*
Schumann, Dr. Ch., Breslau. *Bot.*
Schumann, Dr. H. A., Dresden.
Schunke, Lottumstr., 25, Berlin. *Ent.*
Schupplie, Theodor, Bielau, near Neisse, Silesia. *Bot.*
Schur, Dr. F., Docent, Univ., Leipsic. *Math.*
Schurig, Heinrich, Neustadt, 3, Halle. *Ent.*
Schurtz, Dr., Zwickau. *Gen. Ent., spec. Orthopt.*
Schuster, Coburg. *Ent.: Lepid.*
Schwabe, Dr., Stadt Remda, bei Rudolstadt. *Ent.*
Schwalbe, Prof. Dr. Gustav, Univ., Königsberg. *Anat.**
Schwan, Rud., Halle-on-the-Saale. *Bot.*
Schwanert, Dr. Hugo, Prof. Chem., Universität, Greifswald. *Chem.**
Schwarr, Kaufmann in Liegnitz (Silesia). *Coleopt.*
Schwartz, Dr., Hallisches Ufer, 2el, Berlin. *Diatoms.*
Schwarz, Prof. H. A., Univ., Göttingen. *Math.*
Schwarze, P. von, Dresden.
Schweiger, Jac., Custos am Maximiliansmuseum, D, 283, Augsburg. *Lepid., Larvæ.* C. Ex.
Schweikert, Dr. Johann G., Breslau.
Schweizer, Wilhelm, Zeitz, I. *Lepid.**
Schwendener, Dr. S., Prof. Univ., Mathäikirchstr., 28, Berlin. *Bot.*
Schwerber, Josef, Lehrer, Gönnersdorf, bei Niederbreisig. *Coleopt.* C. Ex.
Schwoder, Heinrich, Ottmachau. *Coleopt., Lepid., Hemipt.* C. Ex.*
Scriba, Apotheker in Winnweiler (Bavaria). *Ent.*
Scriba, W., Wimpfen-on-Neckar (Hesse Darmstadt). *Coleopt.*
Sedillot, Dr. Carl E., Prof. Emer., Strasburg.
Seehaus, Prof. C., Stettin *Bot.*
Seeliger, Dr. H., Sternwarte, Munich. *Ast.*
Segnitz, Prof. Dr. Gottfried von, Schweinfurt. *Bot.*
Seibert, Hermann, Eberbach-on-the-Neckar (Baden). *Zool., Moll., Palæo., Geol., Min., Anth.* C. Ex. Offers Mollusks from this place, and various forms of Nepheline from Katzenbuckel, and wishes Shells and Minerals.*
Seibert, Wilhelm, Wetzlar. *Optics, Mushrooms.*

Seibl, Dr., Friedrich-Wilhelmstrasse, 10, Berlin, W. *Geod.*
Seidel, Heinrich, Chemnitz. *Bot.*
Seidel, Prof. Dr. Ludwig, Univ., Munich. *Math., Ast.*
Seidlitz, Dr. George von, Univ., Königsberg.
Seitz, Prof. Dr. Franz, Univ., Munich.
Selenka, Prof. E., Roy. Univ., Erlangen. *Anat., Moll.*
Sell, Prof. Dr. E., Univ., Markthallen, A, Berlin, N.W. *Chem.*
Sellin, Dassow. *Lepid.*
Selling, Prof. E., Univ., Würzburg. *Math.*
Semper, Prof. Dr. C., Würzburg. *Moll.**
Semper, George, Altona, Prussia. *Indo-Austral. Lepid.*
Sendtner, Ludwigstr., 2, Munich. *Lepid.*
Senft, Dr. Carl F. F., Eisenach. *Bot.*
Seubert, Passau. *Lepid.*
Seubert, Karl F. O., D.Sc., Privat-docent, Univ., Tübingen. *Inorg. Chem.**
Seubert, Prof. M., Carlsruhe. *Ent.*
Seydler, Prof. F., Braunsberg. *Bot.*
Seyffer, Dr. O., Stuttgart. *Ent.*
Sharlok, Gartenstrasse, 22, Graudenz, W. Prussia. *Bot.* C. Wishes to buy and sell.
Sickmann, Fr., Lehrer Höhern Privatschule, Wellingholthausen. *Gen. Ent.*
Siebert, Prof. Dr. Fred. L. J., Univ., Jena.
Siebold, Prof. Dr. Carl T. von, Univ., Munich. *Zool.*
Siemens, Dr. Markgrafenstr., 94, Berlin.
Siemssen, C. A., Lübeck. *Min*
Simon, Hans, Kaufmann, Lindenstrasse, 3, Stuttgart. *Ent.* C. Ex. Desires only Prussiden, Pselaphus, Soydmanen, and Mastigas. Will buy and exchange.
Singer, Prof. Dr. J., Ratisbonne. *Bot.*
Sintenis, P., Bolkenhain. *Bot.* C.
Snell, Prof. C., Univ., Jena. *Math.*
Sochting, Dr., Potsdamerstr., 120, Berlin.
Sodtmann, J. G. J., Pöseldorf, bei Hamburg. *Ent.*
Solger, Prof. Bernhard, Univ., Halle. *Gen. Biol., Emb., Anat., Histol. of Vert.**
Solms-Laubach, Prof. H., Univ., Göttingen. *Bot.*
Sommer, Prof. F., Univ., Greifswald. *Histol., Mic., Comp. Anat.*
Sonnenburg, von, Moosburg. *Coleopt.*
Sonnenkalb, Prof. Dr. Hugo, Univ., Leipsic.
Sorauer, Prof. Dr. Paul, Proskau. *Bot.*
Sorhagen, Dr., Realschullehrer, Hamburg. *Lepid.*
Spangenberg, Dr. Fr., Docent, Univ., Munich. *Zool., Anat.*
Spengel, Leonhard, Munich.
Spengel, Z. W., Dir. der Städtischen Sammlungen für Naturgeschichte und Ethnog., Hafen, 90, Bremen. *Emb. and Anat. of Invert., Worms., Moll.**
Speyer, Dr. Ad., Rhoden, bei Arolsen. *Macro-lepid. of Europe and N.A.* C. Ex.
Spieker, Prof. Dr. Th., Postdam. *Bot.*
Spiess, Ernst, Prof. Chemie, Realgymnasium, Nuremberg. *Chem.*
Spiessen, Prof. August von, Königl. Preuss. Observatorium, Wiesbaden (Hessen-Nassau). *Systematic Bot. and Geognosy.* C. Ex. German plants for those of other countries.
Spihlmann, A., Parkallee, 10, Hamburg. *Bot.*
Spirgatis, Prof. H., Univ., Königsberg, Prussia. *Chem.*
Sprengel, Prof., Bonn. *Bot.*

Sprung, Dr. Adolf, Seewarte, Hamburg. *Meteo.*
Stachelhausen, Dr. Gustav, Barmen. *Coleopt.*
Städel, Prof. W., Univ., Tübingen. *Chem.*
Stahl, Dr. Ernst, Prof. Univ., Jena. *Bot.*
Stahlschmidt, Prof. Polytechnicum, Aix-la-Chapelle. *Chem.*
Stammer, Dr., Düsseldorf.
Standfuss, Gustav, Parchwitz, bei Liegnitz. *Lepid.* C. Ex.
Standfuss, Max., Ph.D., Parchwitz, Prussia. *Lepid.* C. Ex.
Stanke, Wilh., Kunstgärtner, Breslau. *Lepid.*
Stannius, Dr. F. H., Prof. Emer., Rostock.
Stark, J., Ansbach. *Coleopt.*
Standinger, Otto, Ph.D., "Villa Diana," Blasewitz, bei Dresden. *Lepid., Coleopt.*
Steger, Ph.D., Breslau. *Bot.. Palæo.*
Stegmann, Prof. F. L., Univ., Marburg, *Math.*
Stein, B., Inspector of the Botanic Gardens, Breslau. *Lichens, Hort., Alpine plants.**
Stein, J. P. E. Frdr., Ph.D., Custos Zool. Museum, Brandenburgerstrasse, 34, Berlin. *Gen. Ent.*
Steinach, W., Munich. *Moll.*
Steinbrinck, Dr., C. Hamm. *Bot.*
Steineke, Swinemünde. *Lepid.*
Steiner, Königsberg. *Coleopt., Lepid.*
Steinheil, Dr. Adolph, Inhaber der opt. Astronom., Werkstätte C. A. Steinheil Söhne, Landwehrstr., 31, Munich. *Ent.*
Steinike, Düsseldorf. *Coleopt.*
Steinmann, Gustav, Privat-docent, Assistent a. Geolog. Institute, Strasburg (Alsace). *Geol., Palæo.* C. Ex. Fossils and Foraminifera.*
Steinvorth, Dr., Lüneburg. *Bot.*
Stelzner, Dr. Alfred, Professor, Kgl. Bergakademie, Freiberg (Saxony). *Geol., Min.**
Stenzel, Prof. Dr. Carl G. W., Realschuloberlehrer, Klosterstrasse, 1*a*, Breslau. *Bot., Palæo.*
Stephani, F., Leipsic. *Hepaticæ.* Ex.*
Stern, J. C., Gutleutstr., 16, Frankfort-on-Main. *Coleopt.*
Stern, Prof. M. A., Univ., Göttingen. *Math.*
Sterzel, Dr. J. F., Chemnitz (Saxony). *Palæo., Bot.*
Sterzing, H., Thüringen. *Bot.* C.
Steudel, Dr. Wilhelm, Stuttgart. *Lepid.*
Stickelberger, Prof. L., Univ., Freiburg. *Math.*
Stieber, alte Jacobsstr., 93, Berlin. *Lepid.*
Stiefel, Henry C., Ph.D., 38, Koselstr., Frankfort-on-Main. *Chem.**
Stimming, Gustav, Brandenburg. *Coleopt., Lepid.*
Stizenberger, Dr. E., Constance. *Bot.. Lichens.*
Stöckhardt, Prof. Dr. Ernest Theodor, Counsellor of Ministerial Department of Agric. and Industry at Weimar. *Agric., Zool., Anth.**
Stöckhardt, Prof. Dr. Julius A., Tharand. *Chem.*
Stockmayer, Domänenpächter in Lichtenberg, bei Oberstenfeld (Würtemberg). *Lepid.* C. Ex.
Stoelting, Bergen, a. d. Dumme. *Lichens.*
Stoffel, Jean Georges, Rue des Juifs, 39, Mülhausen (Alsace). *Coleopt.*
Stohmann, Prof. F. K. A., Univ., Leipsic. *Chem.*
Stöhr, Dr. Med. Ph., Docent, a. d. Univ., Würzburg. *Histol.*
Stoll, Eugen, Uhlandstr., 72, Tübingen. *Lepid.*
Stollwerck, Prof., Uerdingen, Rhine-Province. *Ent.**
Straehler, A., Goerbersdorf. *Bot.*
Strasburger, Dr. C., Prof. Bot., Univ., Bonn.
Strasburger, Prof. Dr. Eduard, Univ., Jena. *Bot., Coleopt., Lepid.*

Strasser, Félix, Fürstenstr., 9, I, Munich. *European Coleopt., Carabidæ.*
Strause, Franz, Eisenburg, Saxe-Altenburg. *Lepid., Coleopt.* C. Ex.
Strebel, Herm., Hamburg. *Moll.*
Streckfuss, Melchiorstr., 18, Berlin. *Lepid.*
Streng, Prof. August, Ph.D., Giessen. *Geol., Min., Crystal., Lithol.* C. Ex.*
Stricker, Dr., Breslau. *Lepid.*
Stricker, Dr. Wilhelm, Frankfort-on Main. *Anth.*
Stroebert, Dr. Oscar, Mem. Zool. Section for Westfalen and Lippe, Düsseldorf. *Zool., Anat. of Invert.* C. Ex.*
Stromeyer, Dr. Aug., Annestrasse, 2, Hannover. *Chem.*
Strubell, Bruno, Reutier, Schwindstrasse, 9, Frankfort-on-Main. *Con.* C. Ex. L. and F. W. shells of Germany for others.
Strübing, Louisenstr., 4, Berlin. *Ent.*
Struck, Carl, Gymnasiallehrer, Custos d. von Maltzanschen Museums für Meckl., Waren (Mecklenburg-Schwerin). *Bot., Zool.* C.
Struckman, Amstrath, Hannover. *Palæo., Geol.*
Struve, Dr. Gustav A., Dresden.
Struve, Oscar, Dr., Zeitzerstr., Leipsic. *Lepid.*
Stubel, Dr. Alphonse, Feldgasse, 17, Dresden. *Geol., Volcanic Geog. of South America.* C.
Sturm, Prof. R., Academy, Münster. *Math.*
Sussdorf, Prof. Dr. Julius G., Dresden. *Chem., Phys.*
Sutor, Dr. August, Meiningen (Thüringen). *Con.*
Sy, Eugene, Jägerstr., 40, Berlin. *Coleopt.*
Sybel, L. v., Univ., Marburg. *Arch.*
Sydow, Paul, Lehrer, Dirigent des Berliner Botanischen Tauschvereins, Dennewitzstr., 34, Berlin, W. *Crypt.* C. Ex. Filices.
Szwalina, G., Gymnasiallehrer, Königsberg. *Coleopt.*
Taschenberg, Dr. Ernest Otto, Privat-docent, Halle. *Ent.. Lepid.**
Teicher, gärtner, Landeshut. *Lepid.*
Tenckhoff, Dr., Paderborn. *Moll.*
Tepper, Reichenbergerstr., 6, Berlin. *Lepid.*
Terschek, Pillnitz. *Bot.*
Tesch, Carl, Carlstr., 32, Brunswick. *Lepid.*
Tesch, Iwan, Doventhordeich, 20, Bremen. *Lepid.*
Tetens, Herm., Altona. *Lepid.* C. Ex.
Thaer, Prof. A., Univ., Giessen. *Mic.*
Thalenhorst, F. G. Adolf, Grindelhof, 32*a*, Haus 6, Hamburg. *Lepid.* C. Ex.*
Thamm, Grüssau, bei Landeshut. *Lepid.*
Thate, Alexander, Botanical Inst, Leipsic. *Chem.*
Thiele, H., Mem. Ent. Vereins, Frobenstr., 16, Berlin, W. *Lepid.*
Thieme, Dr., Templinerstr., 4, Berlin. *Coleopt.**
Thiemer, G., Hamburg. *Ent.*
Thierfelder, Prof. A, Univ., Rostock. *Pathol. Anat. and Histol.*
Thiesen, Dr. M., Docent, Univ., Berlin. *Terrestrial Phys.*
Thoma, Prof. Richard, Heidelberg. *Mic., Vert. Anat., Histol of Vert.* C. Ex.*
Thomae, Prof. J., Univ., Jena. *Math.*
Thomas, Dr. Carl, Prof. Emer., Wiesbaden.
Thomas. Dr. Friedrich August Wilhelm, Professor und Oberlehrer an der Königl. Universität, Ohrdruff (Gotha). *Phytopathology.* C.
Thomé, Dr. O. W., Cologne. *Bot.*
Thomé, Prof. W., Univ., Greifswald. *Math., Mechanics.*
Thorey, G., Hamburg. *Coleopt.*
Thum, C. M. E., Inst. of Mic., Teichstr., 2, Leipsic. *Algæ, Diatoms, Mic., Moll., Radiates, Sponges, Protozoa.**

Thuns, Neudorf, bei Nimptsch. *Lepid.*
Thurau, F., Fischerbrücke, 15, Berlin. *Lepid.* C.*
Tieffenbach, Mariannenstr., 43, Berlin. *Neuroptera, Orthoptera.*
Tiemann, Prof. F., Roy. Univ., Berlin. *Chem.*
Tietien, Prof. Dr., Lindenstr., 91, Berlin.
Tillmanns, Dr. H., Docent, Univ., Leipsic. *Surgery, Anat., Pathol.*
Timm, J., Lehrer, Griefenberg. *Lepid.*
Tischbein, Oberforstmeister-Euten, bei Lübeck. *Hymenop., Ichneumonidæ.*
Titzenthaler, Franz, Wallstrasse, 17, II, Dresden. *Ent.: Lepid., Coleopt., Hemipt.* C. Ex. Will buy Ent. works.*
Tollens, Prof. Dr. Bernhard, Dir. Lab. of Agric. Chem. of the Univ., Göttingen. *Org. and Inorg. Chem., Agric.**
Trapp, Hermann, Chemiker, Kaichen in der Wetterau. *Lepid.*
Traube, Dr. Morritz, Breslau. *Bot.*
Trautmann, Bautzen. *Lepid.*
Trebitz, Roda. *Lepid.* C. Ex.
Treichel, Alexander, Agrosoph. Hoch-Paleschken, Post Altrischau (Prussia). *Bot.* C. Ex. Offers plants of West Prussia.*
Tren, Ueberwasserkirchhof, Münster. *Coleopt.* C. Ex.
Treuge, E., Münster. *Lepid.* C. Ex.
Treuge, J., Reallehrer, Münster. *Coleopt.* C. Ex.
Triess, Fréd., Kl. Metzigstr., 21, Strasburg. *Hymenop.* (*Alsace*).
Trinker, Jos., Stuttgart. *Lepid.*
Troeltsch, Dr. Anton Friedrich, Freiherr von, Professor der Ohrenheilkunde an der Universität, Würzburg. *Ool.* C.*
Troschel, Franz Hermann, Geheimer Regierungsrath u. Professor, Bonn, Schloss Poppelsdorf. *Zool.*
Trost, Theodor, Frankfort-on-Main. *Moll.**
Tschirch, Dr. Alexander, Assistent Pflanzenphysiologischen Inst., Invalidenstr., 42, Berlin, N. *Histol., Physiol.**
Türbringer, Prof. Dr. Paul, Jena or Weimar. *Lepid.* C. Ex.*
Turckheim, Baron H. von, Niederbronn (Alsace). *Coleopt.*
Uechtritz, R. von, Klosterstr., 84, Breslau. *Bot.*
Uhde, Dr. Carl W. F., Brunswick. *Anth., Mic.*
Uhle, Dr. R., Museum, Dresden. *Eth.*
Uhlworm, Dr. Oscar, Director der Stadtbibliothek, Redacteur des Botan. Centralblattes, Königsthor, 40, Cassel. *Bot.* C.
Uloth, Dr. W., Friedberg. *Chem., Bot.*
Umhhang, l'Abbé, Dir. Collége Lachapelle-sous-Rougemont, near Belfort (Alsace). *Coleopt.*
Urban, Dr. Ignatz, I. Assistent am Königl. Botanischen Garten, Berlin, Grünewaldstrasse, 19, Schöneberg, near Berlin. *Bot.**
Uslar, Prof. L. v., Univ., Göttingen. *Chem.*
Valentina, Prof. W., Obs., Carlsruhe.
Varendorf, von, Arensberg (Westphalia). *Coleopt.*
Varrentrapp, Dr. Geo., Frankfort-on-Main. *Geog.*
Vatke, W., Leipzigerstr., 2, Berlin, W. *Phæn. Bot.* C. Ex.*
Veitmeyer, C. A., Berlin.
Venus, C. E., Serrestr., 12, Dresden. *European Coleopt. and Micro-lepid.*
Vetter, Dr. Benjamin, Fridensplatz, 1, Blasenitz. *Zool., Emb.*
Vetter, Ch., Grosse Bleichen, 32, Hamburg. *Bot.*
Vettin, Dr. F., Bernburgerstrasse, 24, I, Berlin, W. *Meteo.**
Vierordt, Prof. K. von, Univ., Tübingen. *Physiol.*
Vigelius, August, Selters. *Lepid.*
Vigener, A., Bieberich-am-Rhein. *Bot.*
Virchow, Dr. H. C. P., Univ., Würzburg. *Anat.*
Virchow, Hans, Würzburg. *Vert. Anat., Anth.*
Virchow, Prof. Dr. Rudolph, Univ., Berlin. *Anat.*

Vocke, Ad., Nordhausen. *Bot.*
Vogel, Paulshütte, bei Schoppinitz. *Ent.*
Vogel, Prof. A., Jägerstrasse, 7, Munich. *Chem.*
Vogel, Prof. Dr. H. C., Dir. des Astrophysikalischen Observatoriums, Potsdam. *Ast. and Astro-physics.**
Vogel, Prof. Hermann W., Ph.D., Magdeburgerstrasse, 20, Berlin, W. *Chem., Phys., Photog., Spectrum-analysis.* C. Ex.*
Vogler, Prof. A., Univ., Bonn. *Physical Geog.*
Voigt, Grosschönau. *Lepid.*
Voigt, O., Volkmarsdorf, bei Leipsic. *Coleopt.* C. Ex.
Voigt, Prof. W., Univ., Königsberg. *Math., Phys.*
Voigtländer, Prof. Dr. Carl F., Univ., Munich. *Phys.*
Voigtländer, Fr. von, Wolfenbüttlerstrasse, 4, Brunswick. *Lepid.*
Voit, Carl von, Professor der Physiologie an der Universität, und Vorstand des Physiologischen Instituts und der Physiolog. Sammlung des Staats, Munich. *Phys.**
Volger, Prof. Dr. G. H. O., Frankfort-on-Main.
Volhard, Prof. J., Roy. Univ., Erlangen. *Chem.*
Voller, Dr. Aug., Hornerweg, 54, Hamm, near Hamburg. ***Physics.***
Vom Rath, Prof. G., Roy. Univ., Bonn. *Min.*
Von Dechen, Henri, Bonn.
Von Kremer, Dr. A., Leipsic.
Vormann, Dr. Münster. (Westphalia). *Hymenop.*
Wackerzapp, Omar, Wallstrasse, 48, Aux-la-Chapelle. *Macro-lepid.*
Wacquant-Geozelles, Theodor, Freiherr von, Major auf Sophienhof, bei Oerzen. *Macro-lepid.* C. Ex.
Waentig, Paul, Zittau. *Lepid.*
Wagener, B., Friedrichsstr., 11, Kiel. *Coleopt., Spec. Cassid., Brenth.*
Wagener, Prof. Dr. Guido R., Univ., Marburg. *Osteol.*
Wagner, Regensburg. *Lepid.*
Wagner, Dr. Balthasar, Docent, Fulda. *Ent.*
Wagner, Prof. Dr. Herman, Univ., Königsberg. *Bot.*
Wagner, Prof. Dr. Moritz F., Dir. Eth. Mus., Munich.
Wahle, Linkstr., 10, Berlin. *Lepid.*
Wahlpaender, Dr., Puttkammerstr., 16, Berlin. *Coleopt.*
Wahnschaff, Dr., St.-Paulisternstr., 5, Hamburg. *Bot., Bryol.*
Wahnschaffe, Lieut. Max, Weferlingen, bei Helmstedt. *German Coleopt.* C. Ex.
Waitz, von, Cassel. *Min.*
Waldau, Bocholt. *Coleopt.*
Waldburg-Zeil-Trauchburg, Carl J. Graf von, Schloss Zeil, Algäu (Würtemberg). *Bibliog., Arch., Orn.* C.*
Walderdorf, Graf von, Hauzenstein. *Lepid.*
Waldeyer, Prof. A., Univ., Strasburg. *Anat., Osteol.*
Waldeyer, Prof. Dr. H. W. G., Univ., Strasburg. *Anat.**
Waldner, Henry, Secretär des Botanischen Vereins, Alsace-Lorraine Wasselnheim. *Bot.* C. Ex. Native herbs for European.
Wallach, Prof. O., Roy. Univ., Bonn. *Chem.*
Walser, Dr., Praktischer Arzt, Schwabhausen, near Dachau, Upper Bavaria. *Con., Moll.* C. Ex. Buys and sells. Wishes all kinds of Marine shells, especially of the Atlantic Ocean, in exchange for European.*
Walter, Dr. A., Bayreuth. *Bot., Bryol.*
Walther, J. Ph., Mannheim. *Lepid.*
Wangerin, Prof. A., Univ., Halle. *Math.*
Warburg, Prof. E., Univ., Freiberg. *Experimental Phys., Math. Phys.*
Warburg, Marcus, F.R.A.S., Magdalenenstrasse, 50, Hamburg.
Ward, M. F., F.R.A.S., Max Josefstrasse, Munich.

Warlée, Ferd., Hamburg. *Ent.*
Warnstedt, Adolf von, Göttingen.
Warnstorf, Carl, Lehrer, Neuruppin (Prussia). *Bryol.* C. Ex. Mosses.
Weber, Frankfort-on-Main. *Bot.*
Weber, Gustav, Lehrer Töchterschule, Burtscheid, bei Aix-la-Chapelle. *Coleopt.*
Weber, Prof. H., Univ., Königsberg. *Math.*
Weber, Prof. H. A. von, Univ., Tübingen. *Agric.*
Weber, Prof. Leonhard, Univ., Breslau. *Phys., Elect., Meteo.**
Weber, Prof. Dr. Theodore, Univ., Halle.
Weber, Prof Dr. Wilhelm E., Univ., Göttingen. *Phys.*
Weberbauer, Otto, Landeck. *Mycol.*
Websky, Prof. Martin, M.D., Royal Univ., Lützower User 19*b*, Berlin, W. *Min., Crystal.**
Weddige, A., Univ., Leipsic. *Chem.*
Wehncke, Ernst, Harburg. *Coleopt, Dytiscidæ, Hydrophilidæ.*
Weidenbach, Dr. von. *Ent.*
Weierstrass, Prof. C., Roy. Univ., Berlin. *Math.*
Weigelt, Dr. Curt, Dir. Kaiserl Landwirth. Versucks Station, Rufach (Alsace). *Chem., Bot.**
Weigert, Prof. C., Univ., Leipsic. *Pathol. Anat. and Histol.*
Wein, Dr. Ernst, I. Assistent der Königl. Landwirth. Sammlungstrasse, Munich (Bavaria). *Agric. Chem.*
Weiler, Prof. Dr. August, Ritterstrasse, 18, Carlsruhe (Baden). *Math., Ast.*
Weinek, Sternwarte, Leipsic. *Ast.*
Weinkauff, Heinr. Carl, Kreuznach, Rhine. *Con., Palæo.* C.
Weinland, Dr. David F., Esslingen (Würtemberg). *Moll., Meteo.**
Weise, J., Sec. Ent. Gesell Kastanien-Allee, 100, Berlin. *Ent.: Coleopt.* C. Ex.
Weiske, Prof. Hugo, Ph.D., Univ. *Chem., Gen. Biol.**
Weismann, Dr. August, Prof. d. Zoologie, Freiburg (Baden). *Zool.*
Weiss, Gustave, Mülhouse. *Orn.*
Weiss, Dr. Ernst, K. Landesgeolog u. Docent der Bergakademie, Louisenplatz, 2, or N. Invalidenstrasse, 44, Berlin, N.W. *Geol., Min.* C. Ex. mineral and fossil plants of all formations.
Weiss, Dr. Guido, Berlin.
Weiss, Frankfort-on-Main. *Coleopt.*
Weissflog, E., Strehlenerstr., 7, Dresden. *Diatoms.*
Welzsäcker, J., Göttingen.
Welcker, Prof. H., Univ., Halle. *Anat., Emb.*
Wendland, H., Hannover. *Bot.*
Wenzel, Prof. E., Univ., Leipsic. *Physiol., Anat., Mic.*
Wenzig, Th., Kreubergstr., 6, Berlin. *Bot.*
Werder, Prof. C., Berlin. *Phil.*
Werner, L. Adolf, Schäferstrasse, Dresden. *Lepid.*
Wertermaier, Dr., Bot. Inst. am Gurtgarten, Berlin. C. *Bot.*
Westermaier, Dr. M., Feilnerstr., 3, Berlin, S.W. *Bot.*
Westhoff, Fr., Münster, Westphalia. *Ent.*
Westphal, Dr., Pionierstr., 12*a*, Berlin, S.W. *Geod.**
Westphal, Major Cuno, Kl. Ziegelgasse, 14, Dresden. *Coleopt,*
Westphal, Dr. Carl, Prof. Univ., Kronprinzen Ufer, 6, Berlin, N.W. *Neurology.**
Wetckamp, Wilhelm, Lippstadt. *Gen. Biol.*
Wetzler, A., Günzburg (Bavaria). *Moll.*
Weyer, Prof. Dr. George D. E., Univ., Kiel. *Math., Ast.*
Weyl, Dr. Theodor, Docent, Univ., Erlangen. *Agric., Org. Chem., Geog. Dist., Physiol.**
Weymer, G., Kleeblattstr., 58, Elberfeld. *Lepid.*

Wichelhaus, Prof. Dr. H., Univ., Georgenstrasse, 33, Berlin, N.W. *Chem.*
Wiebel, Prof. Dr. Carl W. M., Domstrasse, 5, Hamburg. *Phys., Chem.*
Wiedemann, Prof. Dr. Ernst E. G., An der ersten Bergschule, Leipsic. *Physics, Chem.*
Wiedemann, Heinrich Gustav, Hofrath und Professor an der ersten Bürgerschule, Leipsic. *Physics, Chem.**
Wiedersheim, Prof. Dr. Robert, Freiburg. *Vert. Palæo., Zool., Gen. Biol., Vert. Emb., Vert. Anat., Anth., Osteol., Myol., Histol. of Vert.**
Wiedmer, Potsdamerstr., 105, Berlin. *Ent.*
Wiegmann, Fritz, Jena. *Moll.*
Wiepken, C. F., Dir. des Grossherzogl, Nat. Hist. Mus., Oldenburg, Grossherzogthum. *Moll.*
Wiese, Dr. H., Docent, Univ., Göttingen. *Physical Diagnosis.*
Wieseler, Prof. F., Univ., Göttingen. *Arch.*
Wiesenhutter, Ober-Lichtenau bei Lauban. *Ent.*
Wiesert, Kronenstr., 23, Berlin. *Lepid.*
Wigand, Dr. Julius W. A., Prof. Bot., Univ., Marburg. *Bot., Mic., Orn.* Ex.
Wilde, Weissenfels. *European Coleopt.*
Wilde, Lehrer, Lübeck. *Coleopt.*
Wildt, Dr. Eugène, Dir. Agric. Inst., Posen (Prussia). *Bot.**
Wilhelm, Dr. K., Munich. *Bot.*
Wilken, C., Gymnasiallehrer, Hildesheim. *European Coleopt.*
Will, Lieut. Fried, Gabelsbergerstr., 28, Munich. *Coleopt., Biol.*
Will, Prof. H., Univ., Giessen. *Chem.*
Willgerodt, Prof. K. F., Royal Univ., Freiburg. *Chem.*
Wilms, Dr. Friedrich, Apotheker, Könerstr., 20, II, Berlin, W. *Bot., Coleopt.* C. Ex.*
Wilsdorf, Max, Dir. der Landwirtschaftschule, Chemnitz. *Bot.**
Wiltheiss, Dr. E., Docent, Univ., Halle. *Math.*
Winckel, Prof. Dr. Franz Carl L. W., Geheimer Medicinalrath, Seminarstrasse, 12, Dresden. *Pathol. and Anat.*
Winckler, Carl, Brandenburg. *Lepid.*
Winkler, Giesmannsdorf. *Bot.* C.
Winkler, A., Geh. Kriegsrath a. d. Schillstr., 16, Berlin, W. *Bot., Morphology, Biology.* C.*
Winkler, Dr. Clemens, Prof. Chem. an der K. Sachs. Bergakademie, Freiburg. *Inorg. Chem., Met.**
Winnecke, Prof. A., Univ., Strasburg. *Ast.*
Winnertz, Joh., Crefeld. *Dipt.*
Winter, Dr. H., Brandenburg-on-the-Havel. *Bot.*
Wiskott, Max, Flurstrasse, 3, Breslau. C. Ex.
Wislicenus, Prof. J., Univ., Würzburg. *Chem.*
Witt, Dr. Otto N., Rue Schlumberger, 24, Müllhausen, Alsace. *Diatoms.*
Witte, Rath., Breslau (Prussia). C.
Wittich, Prof. W. von, Univ., Königsberg. *Physiol.*
Wittmack, G., Hamburg. *Lepid., Biol.* C. Ex.
Wittmack, Dr. Louis, Prof. an der Universität und an der landwirthschaftlichen Hochschule, Custos des Museums der landw. Hochschule, General-Secretär d. vereins z. Betörd d. Garteubaues, Invalidenstrasse, 42, Berlin, N. *Agricultural and Technical Bot.* Offers forest seeds in exchange for samples of the food of the Indians for the Museum.*
Wittrich, Dr. W. H. von, Prof. Phys., Univ., Königsberg.
Witzenmann, Heinrich, Pforzheim. *Lepid.*
Wocke, Dr., Breslau. *Lepid, especially Micro-lepid.*
Wocke, Dr. Felix, Jr., Breslau. *Lepid.*
Wocke, Georg, Breslau. *Lepid.*
Woitschach, Dr. Georg, Freistadt. *Geol., Min.*

Wolf, O., Halle-on-the-Saale. *Bot.*
Wolf, Dr. Wilhelm, Oberlehrer der Königl. Landwirtschaftschule und Vorstand des Agriculturchemischen Laboratoriums, Döbeln. *Agric. Chem.*
Wolff, Dinkelsbühl. *Coleopt., Hymenop., Hemipt.*
Wolff, Dr. Griesheim, Franfort-on-Main. *Hygiene, Chem.*
Wolff, Prof. Dr. E. von, Hohenheim, near Stuttgart. *Bot.*
Wolff, Dr. Max, Docent, Univ., Behrenstrasse, 57, Berlin. *Mic.* C. Ex.*
Wollny, Dr. Ewald, o. ö. Prof. der Landwirthschaft, an der K. Technischen Hochschule, Nympenburgerstr. 20, Munich (Bavaria). *Agric., Physiology of plants.* C. Wishes samples of American cultivated plants, especially corn and grain; offers specimens of rye.
Wollny, Robert, Niederlössnitz, bei Kützschenbroda, Dresden. *Bot., Algol.*
Wolschke, Oscar, Altenburg. *Ent.* C. Ex.
Woltemeade, Gypsstr., 29, Berlin. *Lepid.*
Woronin, Dr., Mainzerstr., 24, Wiesbaden.
Wortmann, Dr. F., Strasburg (Alsace-Lorraine). *Bot.*
Wrede, Potsdam. *Bot.*
Wroblewski, Dr. S. von, Docent, Univ., Strasburg. *Phys*
Wüllner, Adolph, Prof. Phys., Aix-la-Chapelle.
Wundt, Prof., Leipsic. *Phys.*
Wünsche, Dr. Otto, Oberlehrer am Gymnasium zu Zwickau, Kugr (Saxony). *Bot., Natural History.**
Wunschmann, Dr., Templinerstr., 10, Berlin. *Bot.**
Würzburger, M., Creuznach. *Lepid.*
Wussow, Lieut., Schwerin. *Lepid.*
Wüstenfeld, H. F., Göttingen.
Wüstnei, Realschullehrer, Sonderburg. *Coleopt., Hymenop., Hemipt.* C. Ex,
Wutzdorf, H., Kupferschmiedestrasse, 11, Breslau. *Lepid.*
Wydler, Dr. Heinrich, Gewesener Professor d. Botanik in Berne, Switzerland, und in Gernsbach, Grossherz (Baden). *Morphology, Bot.*
Zabel, Hermann, Königl. Gartenmeister, Münden (Hannover). *Dendrology, Spiræ, Lonicera.* C.
Zacharias, Dr. Ed., Univ., Strasburg (Alsace-Lorraine).
Zech, Prof. Dr. Paul H. von, Stuttgart. *Phys.*
Zeiller, Carl, Limeburg. *Gen. Ent.* C. Ex. Lepid and Celeopt.*
Zeis, Roy. Mus. Nat. Hist., Dresden.
Zeiss, Prof. Georg K., Gymnasialprofessor, Landshut (Bavaria). *Bot.* C. Ex. Wishes American plants for the Botanical Society of Landshut.
Zeller, Dr. E., Stuttgart. *Bot.: Algæ.*
Zeller, Prof. P. C., Langstrasse, 46, Grunhof, bei Stettin. *Lepid. of world, especially, Micro-lepid.*
Zeller, Wilhelm, Bot. Gardens, Tübingen. *Bot.*
Zellner, Dr. Gustav H. von, Stuttgart.
Zenker, Prof. Dr. F. A., Univ., Erlangen. *Anat.*
Zeuner, Dr. Gustav, Dresden.
Ziegler, Cöslin. *Ent.*
Ziegler, Prof. Dr. Ernst, Tübingen. *Pathol. Anat.**
Ziegler, Dr. Julius, Frankfort-on-Main. *Bot.*
Ziegler, L., Worms. *Lepid.*
Ziegler, u. Klipphausen, v., Görlitz. *Ent.*
Zierow, Belle-Alliancestr., 88, Berlin. *Ent.*
Zietz, Amandus, Cur. Zool. Mus., Kiel. *Invertebrates, Ichth..* C. Ex.*

Zimmer, Aug., Ringenhain, bei Neukirch. *Lepid., Neuropt.* C. Ex.*
Zimmerlich, M'lle., Thann. *Bot.*
Zimmermann, Dr., Bot. Gardens, Marburg. *Bot.*
Zimmermann C., Hamburg. C. Ex.
Zimmermann, Dr. Oscar Emil Reinhold, Oberlehrer an der Realschule, I. Ordnung, Bernsbachstr., 15, I. Chemnitz (Saxony). *Mycology.* C. Ex. Desires first-class specimens of mushrooms and lichens for good microscopical preparations.
Zincke, Th., Univ., Marburg. *Chem.*
Zincken, Carl Friedrich, Schutzenstrasse, N, 8, Leipsic. *Strat. Geol., Coals and Hydro-Carbons.**
Zirkel, Prof. F., Univ., Leipsic. *Min., Mic.*
Zittel, Prof. Carl A., Univ., Munich. *Palæo., Geol., Emb. and Anat. of Vert., Sponges.* C. Ex.*
Zöllner, Prof. J. K. Fr., Univ., Leipsic. *Physics, Astrophys.*
Zopf, Dr. W., Barutherstr., 13, Berlin. *Bot., Physiol.*
Zoppritz, Prof. Karl, Ph.D., Königsberg. *Phys. Geol., Phys., Meteo., Geog. Dist.**
Zopt, Dr. A. W., Invalidenstrasse, 42, Berlin, N. *Mycol.*
Zorn, Dr. W., Docent, Univ., Heidelberg. *Org. Chem.*
Zschork, Otto v., Gumbinnen. *Ent.: Coleopt.**
Zuber-Hofer, Mülhausen. *Ent.*
Zuhlke, August, Lehrer, Calbe (Saxony). *Lepid.* C. Ex.*
Zuntz, Prof., Landwirthschaftliche Hochschule, Invalidenstr., 42, Berlin, N. *Physiol.**
Zurn, F. A., Univ., Leipsic. *Mic.*
Zwenger, C., Univ., Marburg. *Chem.*

GIBRALTAR.

Napier of Magdala, R. Lord.
Prevost, Capt. L. de Tesiers, 93d Highlanders.

GREAT BRITAIN.

[*When the name of the island is not mentioned, England should be understood as forming a part of the address.*]

Abbay, Rev. Richard, M.A., F.R.A.S., East Soham Rectory, Framlingham, Suffolk.
Abbott, Rev. Arthur R., St. James, Walthamstow.
Abel, F. A., Royal Arsenal, Woolwich.
Abercrombie, John, M.D., 13 Suffolk Sq., Cheltenham. *Mic.*
Aberdare, Henry Austin Bruce, Lord, 1 Queen's Gate, Kensington, S.W.
Abney, William de Wirdeslic, 3 St. Alban's Road, Kensington, W.
Abraham, Phineas S., M.D., Royal College of Surgeons, Stephens' Green, Dublin, Ireland. *Comp. Anat., Physiol.*
Abrahams, Israel, 56 Russell Sq., London, W.C.
Acland, Henry, A.M., M.D., LL.D., Broad St., Oxford.
Ackland, William, 416 Strand, London, W.C. *Mic.*
Adams, Ernest, Ph.D., Anson Road, Victoria Park, Manchester.
Adams, Frederick C., 74 Jermyn St., London, S.W. *Ent.*
Adams, G. F., M. Inst. C.E., Guildhall Chambers, Cardiff, Wales.
Adams, Herbert J., Roseneath, London Road, Enfield. *Ent., Ool.**
Adams, J., care of C. Lane, Halstock, Yeovil, Somerset. *Lepid.*

Adams, John Couch, M.A., LL.D., F.R.S., Lowndean Prof. Ast. and Dir. of the Cambridge Observatory, Cambridge.*
Adams, William, Park Pl., Cardiff, Wales. *Mining.*
Adams, William Grylls, M.A., F.R.S., Prof. of Nat. Phil., King's College, London, W.C.
Adamson, Daniel, The Towers, Didsbury, Manchester.
Adamson, Samuel A., F.G.S., 16 Lovell Terrace, Leeds. *Geol., Anth.**
Adie, Richard, care of Alex. Adie & Sons, 37 Hanover Street, Edinburgh, Scotland. *Chem.*
Addison, Lieut.-Gen. Thos., F.R.A.S., Hill House, Melton, Suffolk. *Ast.*
Addison, William, M.D., 10 Albert Road, Brighton.
Agar, Agar Padley, care of Grindlay & Co., 55 Parliament St., London, S.W.
Ager, F. W., Borough Asylum, Ipswich. *Lepid.*
Ainsworth, George, Consett Iron Co., Blackhill, Durham. *Chem.*
Ainsworth, Ralph F., M.D., Cliff Point, Lower Broughton, Manchester.
Aird, David A., 3 Plowden Buildings, Temple, London, E.C.
Airy, Sir George Biddell, LL.D., The Royal Observatory, Greenwich, London, S.E.
Atchison, James E. T., M.D., Punjab, East Indies, care of Grindlay & Co., 55 Parliament St., London, S.W.
Aitken, Capt., Sandfield, Urmston, Manchester. *Geol.*
Aitken, Thomas, M.D., Inverness, Scotland. *Min.*
Aitken, William, M.D., F.R.S., Prof. of Pathology, Army Med. School, Netley, Southampton.*
Alabone, Edwin W., M.D., Lynton House, Mildmay, New Park, London, N. *Mic.: Insect Dissections.* C.
Alcock, Randal H., Hudcar House, Bury, Lancashire.
Alcock, Thomas, M.D., Oakfield, Sale, Manchester. *Nat. Hist.**
Alderson, Sir James, M.A., M.D., 17 Berkley Sq., London, W.
Alexander, Lieut.-General Sir James, 35 Bedford Pl., Russell Sq., London, W.C.* *Mic.*
Allbon, William, 525 New Oxford St., London, W.C. *Mic.*
Allbutt, T. Clifford, M.A., M.D., F.R.S, 6 Park Sq., Leeds.*
Allen, A. H., F.I.C., F.C.S., Consulting and Metallurgical Chemist, 1 Surrey St., Sheffield. *Geol., Min., Crystal., Lithol., Chem., Phys., Elect.**
Allen, C. Bruce, 11 Cheyne Walk, Chelsea.
Allen, Daniel, 69 Union St., Ryde, Isle of Wight. *Mic.*
Allen, Edward, St. Saviourgate, York.
Allen, F., Chemical Works, Bow Common, E., and 13 Stainsly Road, East India Road, Poplar, London, E. *Chem.*
Allen, Rev. William H., F.R.A.S., 14 Frederick Pl., Plumstead, Kent.
Allin, Charles, Nella Cottage, Truro Road, Woodgreen, London, W. *Lepid.*
Allman, George J., LL.D., F.R.S., Prof. Emer., Nat. Hist., Edinburgh, Athenæum Club, London.*
Allman, G. J., The Queen's College, Galway, Ireland. *Math., Zool.*
Allpass, Henry, F.R.S.L., 5 The Walk, Ludgarville, Cardiff, Wales. Engaged in completion of Analytical Index of the "Archæologia Cambrensis;" will be complete in about two years.
Allport, Samuel, Mason College, Birmingham. *Geol., Lithol.*
Alsop, J. W., B.A., 6 Lorne Road, Birkenhead.
Ames, George Acland, Union Club, London, S.W., and schooner-yacht "Urania," Cowes, Isle of Wight. *Mic., Navigation.*
Anderson, Sir James, 16 Warrington Crescent, London, W.
Anderson, John, J.P., F.G.S., Vice-Pres. Nat. Hist. and Phil. Soc., Hon. Sec. Belfast Soc. for Promoting Knowledge, Holywood, Belfast, Ireland. *Geol., Bot., Ast., Mic.**

Anderson, Joseph, Jr., Alre Villa, Chichester. *Lepid., Mic.**
Anderson, Richard, F.C.S., Rose Cottage, New Malden, Surrey.
Anderson, Sir James, 16 Warrington Crescent, London, W.
André, George Guillaume, 16 Craven St., Strand, London, W. C.
Andrew, Thomas, 18 Southernhay, Exeter.
Andrews, Arthur, Newton House, Blackrock, Co. Dublin, Ireland. *Mic.*
Andrews, Dr., F.R.S., Belfast, Ireland. *Chem.*
Andrews, R., Castle St., Hertford. *Bot.*
Andrews, Thomas, M.D, LL.D., Fort William Park, Belfast, Ireland.
Angas, George F., 48 Norland Sq., Holland Park, London. *Moll.*
Annandale Thomas, Prof. Univ., Edinburgh, Scotland.
Ansell Charles, 7 Eastern Terrace, Brighton.
Anstie, John, B.A., 5 Westminster Chambers, Victoria St., London, S.W.
Anthony, John, F.R.MS., 6 Greenfield Cresent, Edgbaston, Birmingham. *Physiol. Histol.* C.
Archer, F., Little Crosby-road, Crosby, Liverpool. *Ent., Con.*
Archer, Thomas C., Director Museum of Science and Arts, Edinburgh, Scotland.
Archer, William, St. Brendan's, Grosvenor Road, E., Rathmines, Dublin, Ireland.
Archer-Hind, T. H , Newton Abbot, Devon.
Arden, Richard Edward, East Burnham House, Buckinghamshire.
Argall, P. H., Cronelane Mines, Co. Wicklow, Ireland. *Min.*
Argyll, Duke of, K.T., D.C.L., F.R.S., Campden Hill, Kensington, W., and Inverary Castle, Argyllshire.
Armitage, Edward, 3 Hall-road, St. John's Wood, London, N.W. *Ent.*
Armstrong, Sir Alexander, M.D., LL.D., The Admiralty, 9 New St., Spring-Gardens, London, S.W.
Armstrong, George Frederick, M.A., Assoc. M. Inst. C.E., Prof. Civil and Mechanical Engineering, Yorkshire Coll. of Sci., Leeds.
Armstrong, Henry Bruce, B.A., 22 Savile Row, London, W.
Armstrong, Henry E., Ph.D., F.R.S., London Institution, Finsbury-circus, London, E.C. *Chem.*
Armstrong, William, Pelaw House, Chester-le-st., Durham.
Armstrong, Sir William George, 8 Great George St., London, S.W.
Arnot, William, Chemical Laboratory, 18 Picardy Pl., Edinburgh, Scotland. *Chem.*
Arnott, James M., 36 Sussex Gardens, Hyde Park, London, W.
Atkins, Rev. E., B.Sc., Wyggeston Schools, Leicester. *Phys.**
Atkinson, G. M., 28 St. Oswald's Road, West Brompton, London, S.W.
Atkinson, John Thomas, Selby, Yorkshire.
Attfield, Prof. John, M A., Ph.D., F.R.S., 17 Bloomsbury Sq., London. *Chem.**
Attwood, George, F.C.S., 4 Upper Gloucester Pl., Dorset Sq., London, N.W.
Auld, Henry A., Bank of England, London. *Lepid., Moll.* C.*
Austin, Charles Edward, 1 Wesminster Chambers, Victoria St., London, S.W.
Austin, W. J., Radnor St., Folkestone. *Lepid.*
Aveline, William Talbot, Oaklands, Wrington, Somersetshire. *Geol.*
Baber, James, 1 South Pl., Knightsbridge, London, S.W.
Babington, Charles Cardale, M.A., F.R.S., F.L.S., F.S.A., Prof. Bot., Univ. of Cambridge, 5 Brookside, Cambridge.*
Backhouse, T. W., F.R.A.S., West Hendon House, Sunderland. *Ast., Meteo.**
Backhouse, James, York. *Choice living plants and fossils.*
Bagnall, J. E., 84 Wilton Road, Birmingham. *Phanerogams, Ferns, Mosses.**

Bagshaw, Benjamin, Sheffield. *Geneology.*
Baigent, R. C., War Office, Pall Mall, London. *Min.*
Bailey, Charles, Ashfield College Road, Whalley Range, Manchester.
Bailey, G. H., B.Sc. Grammar School, Bowes *via* Darlington. *Chem.*
Bailey, George Vincent, Headingley, near Leeds, Yorkshire. *Bot., Geol.* C.*
Bailey, Samuel, Perry Barr, Birmingham.
Bailey, Wm. H., F.L.S., Acting Palæontologist to the Geol. Surv. of Ireland, and Demonstrator in Palæo. to the Royal Col. of Sci. for Ireland, Apsley Lodge, 92 Rathgar Road, Dublin, Ireland. *Palæo.*
Bain, Donald, Wick, Scotland. *Bot.*
Bairstow, S. D., Woodland Mount, Huddersfield. *Lepid.*
Baker, George, Alni Villa, Burton-on-Trent. *Ent.* C. Ex. *British Insects.*
Baker, John Gilbert, Royal Herbarium, Kew.
Baker, Thomas Barwick Lloyd, Hardwicke Court, Gloucestershire.*
Baker, Sir Samuel White, Sanford, Orleigh, Newton Abbot, Devonshire.
Baldock, John H., South Norwood, London, S. E.
Baldry, James Danford, M. Inst. C.E., 2 Queen Sq. Pl., Westminster, London, S.W.
Baldwin, Arthur E., Sunnydale, The Avenue, Lee, London, S.E.
Baldwin, J. W., Eagley Terrace, Eagley, near Bolton, Lancashire. *Lepid.*
Balfour, Bayley, Prof. Bot. Univ., Glasgow, Scotland. *Bot.**
Balfour, J. Hutton, A.M., M.D., LL.D., F.R.S., Emeritus Prof. Bot., Inverleith House, Botanic Gardens, Edinburgh. *Bot.* C. Ex. *British Flora.**
Balfour, Thomas Graham, M.D., Coombe Lodge, Wimbledon Park.
Ball, John, 10 Southwell Gardens, South Kensington, and Athenæum Club, London, S. W.
Ball, R. S., LL.D., F.R.S., Andrews Professor of Ast. in the Univ. of Dublin, and Royal Astronomer of Ireland, Observatory, Dunsink, Co. Dublin. *Ast., Math.**
Ball, Valentine, M.A., F.R.S., Hon. Sec. Royal Geol. Soc. of Ireland, Prof. Geol., Min., Univ. of Dublin, Ireland. *Geol., Min., Orn.**
Balston, William E., Bearsted House, Bearsted, Maidstone.
Baly, Joseph S., The Butts, Warwick. *Ent.*
Bamford, Herbert, 14 Vanburgh Park Road, W., Blackheath, London, S.E.
Bancroft, T. L., 24 Buccleuch Pl., Maidstone.
Banister, Richard, Inland Revenue Laboratory, Somerset House, London, W.C. *Chem.*
Banks, W. Mitchell, M.D., F.R.C.S., Prof. Surgery, Univ. College, Ashton St., Liverpool.
Barber, John, 31 Randolph Crescent, Maida-hill, London, W.
Barber, J. T., F.R.A.S., Old Hall, Spondon, Derby. *Ast.*
Barber, William, M.A., Barrow Point, Pinner.
Barclay, Andrew Whyte, M.D., 23 A, Burton St., Berkeley Sq., London, W.
Barclay, Joseph G., Observatory, Leyton, Essex. *Ast.*
Barclay, Lieut.-Col. Hanbury, F.Z.S., Ashleigh, Dorking, *Orn.**
Barfoot, G. H., M.D., 15 Hamilton Sq., Birkenhead.
Barford, A. H., 1 Cornwall Terrace, Regent's Park, London, N.W.
Barkas, C. E., Newcastle-on-Tyne. *Ent.*
Barkas, Thomas P., F.G.S., Newcastle-on-Tyne. *Diatoms, Palæo., Geol., Elect., Mic., Ast., Anat.**
Barkas, William, 48 Preston Road, Brighton. *Phys.*

Barker, Samuel, M.D., 24 Eaton Place, Brighton.
Barkly, Sir Henry, 20 Roland Gardens, South Kensington, London, S.W.
Barlow J., 4 Bath Place, Haggerston, London. *Lepid.*
Barlow, Peter Wm., F.R.S., 26 Great George St., London, S.W.
Barlow, W. H., Vice-President Royal Society, High Coombe, Old Charlton, London, S.E.
Barnard, Major R. C., F.L.S., Leckhampton, Cheltenham.*
Barneby, Thos., F.R.A.S., Morton House, Worcester. *Ast.*
Barnes, John Hickman, 30 Great George St., London, S.W.
Barnett, A. K., Chyandour, Penzance.
Barrand, Allan T., St. John's Villas, Watford. *Orn.*
Barrett, C. G., Pembroke. *Lepid.*
Barrett, Prof. W. F., Royal College Science, Dublin, Ireland. *Phys.**
Barron, Wm. A., Assoc. M. Inst. C.E., Althorp House, Queen's Road, Richmond, Surrey.
Barrow, George, Geological Survey of England, Museum, Jermyn St., London, S.W.
Barrow, Francis, M.A., Treasurer, 3 Phillimore Gardens, London, W. *Ast.*
Barrow, John, F.S.A., 17 Hanover Terrace, Regent's Park, London, N.W.
Barry, Rev. E. J., A.B., Beverley. *Ent.*
Bartlett, F., 48 Hodley St., Kentish Town, London. *Lepid.*
Bartlett, H., 48 Hodley St., Kentish Town, London. *Lepid.*
Bartlett, Henry C., Ph.D., Laboratory, 39 Duke St., Grosvenor Sq., London, W. *Chem.*
Bartlett, W. H., 4 Great George St., Westminster, London, S.W.
Barton, Stephen, 32 St. Michael's Hill, Bristol. *Ent.*
Barugh, Lieut. J., Charlestown, Bridlington, Yorkshire.
Bastian, Henry Charlton, M.A., M.D., Prof. of Pathological Anat. at University College, London, 20 Queen Anne St., W., Madge Hill, Hanwell, London, W.
Bate, Charles Spence, F.R.S., 8 Mulgrave Pl., Plymouth. *Marine Zool., Crustacea.* C. Ex.*
Bateman, F., M.D., Norwich. *Psychol., Aphasia and Seat of Speech, Darwinism and Language.**
Bateman, James, M.A., 9 Hyde Park Gate, Smith, London, W.
Bateman, John F., F.R.S., 16 Great George St., London, S.W.
Bates, Fred., 15 Northampton Sq., Leicester. *Coleopt.*
Bates, Henry W., 11 Carleton Road, Tufnell Park, London, N.W. *Ent.*
Bates, Rev. J. Chadwick, M.A., F.R.A.S., S. Martin's, Castleton Moor, near Manchester.
Bauerman, Hilary, Assoc. M. Inst., C.E., Geologist to the American Boundary Commission, Museum, Jermyn St., S.W.; and 41 Acre Lane, London, S.W. *Geol., Min.*
Baxendell, Joseph, 14 Liverpool Road, Birkdale, Southport. *Ast.*
Baxter, Wynne E., 9 Laurence Pountney Hill, Cannon St., London, E.C.
Bayfield, T. G., Magdalen St., Norwich. *Geol., Arch.*
Bayley, Miss E. L., Wilmington Lodge, Hurstpierpont, Sussex. *Lepid.*
Baynes, J., Jr., F.C.S., Borough Analyst's Office, Royal Chambers, Scale Lane, Hull. *Chem.*
Baynes, T., 70 Sunderland Terrace, Ulverstone, Lancashire. *Lepid.*
Beadle, H. A., 4 Victoria Terrace, Kendal. *Lepid.*
Beale, Charles C. E., Lime-Tree House, Rowley Regis, near Dudley, Worcestershire. *Geol.* Coal plants and fish remains. C. Ex. Offers series of coal measure fossils or Upper Silurian.*

Beale, Lionel Smith, M.B., F.R.C.P., F.R.S., Prof. King's College, 61 Grosvenor St., London, W. *Minute Anat., Physiol., Mic.* Treas. R.M.S. of London.*

Beale, W. Phipson, 3 Victoria St., London, S.W.

Beanes, Edward, F.C.S., Moatlands, Paddock Wood, Brenchley, Kent.

Beanes, F. E. V., Moatlands, Paddock Wood, Brenchley, Kent. *Analyt. Chem.*

Beanland, Rev. Arthur, Queen St., Winterton, Lincolnshire.*

Beardmore, N. St. Bernard, 30 Great George St., Westminster, London, S.W.

Beardsley, Amos, F.L.S., F.G.S, Grange-over-Sands, Lancashire. *Geol., Nat. Hist.* C. Ex. in Suffolk Crag and other strata.

Beaumont, Alfred, Steps Mills, Huddersfield. *Ent.*

Beaumont, Wentworth B., M.P., Bretton Park, Wakefield.

Beck, Joseph, F.R.A.S., 31 Cornhill, London, E.C.

Becker, Hermann, M.D., Park Browse House, The Lizard, Cornwall.

Beckett, Sir Edmund, LL.D., 33 Queen Anne St., London, W. *Horology.*

Beckles, Samuel Husbands, F.R.S., 9 Grand Parade, St. Leonards-on-Sea.

Beddoe, John, M.D., Mortimer House, Clifton, Bristol.

Beddome, Col. R. H., Sispara, West Hill, Putney, London.

Bedford, Rev. J. L., M.A., 97 Stafford St., Longton, Stafford.

Bedwell, Francis A., M.A., Fort Hall, Bridlington, Quay, Yorkshire.

Beeby, W. H., 14 Ridinghouse St., London, W. *Bot.*

Beesley, Thomas, High St., Banbury, Oxfordshire. *Geol.*

Beetham, A. W., 1 South Sq., Gray's Inn, London, W.C.

Begg, John, Wick, Scotland. *Ent.*

Bell, Prof. F. Jeffrey, F.Z.S., King's College, London. *Comp. Anat., Echinoidæ.*

Bell, I. L., Rounton Grange, by North Allerton.

Bell, James, Ph.D., F.C.S., F.I.C., Laboratory, Somerset House, London, W.C. *Chem.*

Bell, Matthew, Bourne Park, Canterbury.

Bell, Robert, 34 Bath Road, Chiswick.

Bell, Rev. Thomas, Keig, Aberdeenshire, Scotland. *Ent., Bot.*

Belshaw, M., Heybridge, Maldon, Essex.

Bendix, David, care of Burt, Boulton, and Heywood, Prince Regent's Wharf, Victoria Docks, London, E. *Chem.*

Bennett, Alfred W., M.A., B.Sc., 6 Park Village, East London, N.W. Lect. on Bot., St. Thomas Hospital, and at Bedford (Ladies) College. *Bot.* C.

Bennett, Arthur, F.L.S., 107 High St., Croydon, near London. *Bot., Potamogetons and Characeæ.* C. Ex. Desires Potamogetons from all parts of the world. Will send British plants or other Potamogetons in ex.*

Bennett, Francis James, Geological Survey of England, Museum, Jermyn St., London, S.W.

Bennett, S. R., M.D., LL.D, V.P. Royal Society, 22 Cavendish Sq., London, W.*

Bentham, George, 25 Wilton Pl., London, W.

Bentley, Robert, Prof. Bot., King's College, 38 Penyrvern, Earl's Court, London. *Bot., Org. Materia Medica.**

Berens, Alexander A., 68 Great Cumberland Pl., London, W. *Ent.*

Beresford-Hope, A.J.B., LL.D., Arklow House, Connaught Pl., London, W.

Beringer, Cornelius, Redruth. *Min.*

Berjeau, Charles, 137 Hungerford Road, Camden Road, London, N.

Berkeley, Rev. M. J., Sibbertoft, Market Harborough. *Fungi.*

Bernays, Albert James, Ph.D., Acre House, Brixton-rise, London, S.
Besant, W. H., M.A., 4 Benet Place, Cambridge.
Bessemer, Sir Henry, Denmark Hill, London, S.E.
Betley, Ralph, Hindley, Wigan.
Bettany, George T., M.A., Lecturer on Bot., Guy's Hospital, 10 Chesterfield Grove, East Dulwich, London, S. E.
Bevan, G. P., Upland, Richmond, Surrey.
Bevan, Rev. J. O., M.A., Assoc. Inst. C.E., F.G.S., F.M.S., F.C.P., 72 Beaufort Road, Edgbaston, Birmingham.*
Bewick, Thomas John, Haydon Bridge, Carlisle.
Bewsher, Samuel, St. Paul's School, London, E.C.
Bicknell, Percy, Beckenham, Kent. *Ent.*
Bidder, Bartholomew Parker, M. Inst. C.E., Waunceirch, Neath.
Bidder, G. P., M.A., F.R.A.S., Ravensburg Park, Mitcham, Surrey. *Ast.*
Biddulph, Major John, 43 Charing Cross, London. *Orn.* Will exchange Indian, and especially Himalayan birds, for specimens of *Fringillidæ* from other countries.
Bidwell, Edward, 7 Ormond Terrace, Richmond, Surrey. *Orn.*
Bidwell, Shelford, M.A., LL.D., Riverstone Lodge, Southfields, Wandsworth, London, S.W.
Biggart, J. W., Chemical Laboratory, 29 Cathcart St., Greenock. *Chem.*
Bigge, Matthew R., 6 John St., Adelphi, London, W.C.
Biggs, Charles J., 58 Wick Road, South Hackney, London. *Lepid.*
Bignell, George C., M.E.S., 7 Clarence Pl., Stonehouse, Plymouth. *Lepidoptera, Ichneumonidæ.* C. Ex.
Bilke, Edward, 1 Chester Sq., London, S.W.
Billington, E. R., Buxton House, Wallasey, Liverpool. *Lepid.*
Billups, T. R., 4 Swiss Villas, Copplestone Road, Peckham, London, S.E. *Ent., Coleopt.*
Binnie, Alexander Richardson, M. Inst. C.E., Townhall, Bradford.
Binns, E. Knowles, F.G.S., F.R.G.S., 214 Heavygate Road, Sheffield.*
Binns, Rev. William, Stourton Lodge, Arno Road, Oxton, Birkenhead.
Birch, G. H., 35 Lincoln's Inn Fields, London, W.C.
Birch, R. W. P., Assoc. M. Inst. C.E., 5 Westminster Chambers, Victoria St., London, S.W.
Birchall, Edwin, Woodside, Douglas, Isle of Man.
Bird, Ernest, Engham Lodge, Woodland, Shepherd's Bush, London, W.
Bird, G. W., The Dartons, Dartford, Kent. *Ent.*
Birds, James Adey, B.A., 82 Gloucester Terrace, Hyde Park, London. W. *Geol.*
Birks, Edward, Lecturer on Botany in the Sheffield School of Medicine, Sheffield. *Bot.* C.
Birmingham, John, Milltown, Tuam, Ireland. *Ast., Geol., Arch.* C.*
Birt, William Radcliff, 3 Shrewsbury Villas, Water Lane, Stratford, London, E. *Ast.*
Bishop, George, care F. B. Marson, Finsbury Distillery, London, E.C. *Ast.*
Bishop, Mrs., The Platt, Watford. *Bot.*
Black, Charles, Arbigland, Dumfries, Scotland. *Geol., Bot.*
Blackall, W., 9 Church St., Folkestone. *Lepid.*
Blackburn, J. B., The Vicarage, Wandsworth. *Lepid.*
Blackie, W. G., Ph.D., 17 Stanhope St., Glasgow, Scotland. *Geog.**
Blair, D , 34 Ovington St., Chelsea, London, S.W.
Blake, Rev. J. F., M.A., Prof. Geol., Univ., Coll., Nottingham. *Geol., Palæo.*

Blake, Henry Wollaston, M.A., 8 Devonshire Pl., Portland Pl., London, W.
Blake, J. Hopwood, Assoc. M. Inst. C.E., Geological Survey of England, Museum, Jermyn St., London, S.W.
Blakemore, William, Tondû Iron Works, Bridgend, Wales.
Blakey, J. Kenworthy, 33 Hanover St., Leeds.
Blanford, W. T., Arts Club, Hanover Sq., London. *Mam., Herpetol., Moll., Orn., Geol.**
Blatch, William G., 214 Green Lane, Smallheath, Birmingham. *Gen. Ent.* C. Ex.*
Bleach, S. W., Consdale Villas Ave., Acton, Middlesex. *Lepid.*
Blomefield, Rev. Leonard, M.A., 19 Belmont, Bath. *Zool., Bot.*
Blood, Js., 125 Masbro' St., Masbro', Rotherham. *Lepid.*
Blount, William, Orchehill, Gerrard's Cross, Slough.
Bloxam, Geo. W., M.A., Prof. Biol., Trin. Coll., London, Asst. Sec., Arith. Inst., Teddington, Middlesex. *Zool., Comp. Anat., Anth. Chem.**
Blunt, George V., M.D., Prof. Med. Jurisp., Queen's Coll., Birmingham, 7 Old-sq., Birmingham.
Boase, Henry S., M.D., F.R.S., Seafield House, Magdalen Place, Dundee, Scotland.
Bock, Carl, 19 Fernlea Road, Balham, London, S.W., in care of the Swedish and Norwegian Consul-General, Bangkok, Siam. *Con., Borneo and Siamese Landshells.* C. Ex.
Boden, Charles, 127 Tooley St., Borough, London, S.E. *Lepid.*
Boeddicker, Obs. of Bizo Castle, Parsonstown, Ireland. *Ast.*
Bogue, David, 3 St. Martin's Place, Trafalgar Sq., London, W.C.
Bohn, Henry G., North-End House, Twickenham, London, S.W.
Boileau, John T., 31 Ladbroke Sq., Notting Hill, London, W.
Bolam, H. G., Little Ingestre, Stafford.
Bolton, Thomas, Microscopists' and Naturalists' Studio, 57 Newhall St., Birmingham. Microscopical, especially distribution by post of living organisms, marine and fresh-water animal and vegetable, also illustrative portfolios of drawings of same.*
Bolton, Rev. W. H., Grammar School, Kinver, near Stourbridge. *Bot., Meteo.*
Bompas, George Cox, 15 Stanley Gardens, Kensington, London, W.
Bond, Francis, M.A., F.G.S., Hull College, Hull. *Geol, Philol.**
Bond, Fred, 5 Fairfield Ave., Staines. *Ent.*
Bond, J. K., B.A., B.Sc., Park Grammar Sch., Plymouth. *Bot.*
Bonney, Prof. T. G., F.R.S., St. John's College, Cambridge. *Geol., Petrology.* C.
Bonsor, Samuel, 433 Oxford St., London, W.
Booth, B. C., 137 Kirkwood Road, Peckham, London, S.E. *Lepid.*
Booth, Ed., Pevensey St., Hastings, Sussex. *Lepid.*
Booth, Isaiah, Mining Engineer, Oaks Colliery, Oldham, Firwood, Alderley Edge, Manchester.
Booth, James, The Grange, Ovenden, Halifax.
Boreham, Wm. W., J.P., F.R.A.S., The Mount, Haverhill, Essex. *Ast.*
Borland, John, Rosebank, Kilmarnock, Scotland.
Borradaile, Charles, East Heathley, Hawkhurst.
Borrer, William, M.A., Cowfold, Horsham. *Orn., Ent.*
Bosanquet, R. A. M., F.R.A.S., St. John's College, Oxford.
Bosher, Edward, Bellevue House, Twickenham. *Ent.*
Bossey, Francis, M.D., Oxford-road, Redhill, Surrey.
Boswell, Dr. Syme, Balmuto, Kirkcaldy, Fife, Scotland. *Bot.*
Boswell, H., Woodstock Road, Oxford. *Mosses, Hepaticæ.*
Bosworth, John Alleyne, Humberstone, Leicestershire.

Bott, Arthur, 227 Southampton St., London, S.E.
Boulger, G. S., F.L.S., F.G.S,. F.R.G.S., Prof. Nat. Hist., 9 Norfolk Terrace, London, W. *Biol., Geol., Min., Spec. Veg. Ontogeny.**
Boult, James W., 20 Wainfleet Terra Fountain Road, Beverley Road, Hull. *Lepid.* C. Ex.*
Boulton, S. B., 64 Cannon St., London, E.C. *Chem.*
Bourne, Alfred A., M.A., Rossall School, Fleetwood, Lancashire.
Bouverie, Right Hon. Edward, 44 Wilton Crescent, London, S.W.
Bouverie, Pusey, S.E.B., Pusey House, Faringdon, and 50 Upper Brook St., Grosvenor Sq., London, W.
Bowen, E., M.D., Talbot House, Palm Grove, Birkenhead.
Bower, H. S., Frontmell Parva, Blandford.
Bowie, Mrs. A. A. L., 43 Palace Gardens Terrace, London, W.
Bowman, Fred. H., D.Sc., F.L.S., F.G.S., F.R.A.S., F.C.S., West Mount, Halifax, Yorkshire. *Chem., Elect., Molecular Physics, Spect. Elect. and structure of cotton and other textile fibres.**
Bowman, William, 5 Clifford St., London, W.
Bowring, John C., Forest Farm, Windsor Forest.
Boxer, Edward M., Upton House, near Ryde.
Boycott, Thomas, M.D., 46 Montagu Sq., London, W.
Boyd, Nelson, 7 Westminster Chambers, Victoria St., London, S.W.
Boyd, Thomas, Surrey Lodge, Hornend Road, Norwood, London, S.E. *Ent.*
Boyd, William C., Cheshunt, Herts. *Ent.*
Boyes, Fred., Beverley, *Orn.*
Boyle, Arthur Robert, Engineer's Office, Central Railway Station, Watson St., Manchester.
Boys, C. V., Physical Laboratory, Normal School of Science, S. Kensington, London, S.W. *Phys.*
Braby, Frederick, F.C.S., Bushby Lodge, Teddington.
Bradbury, S., Abbats Bromley, Rugely, Staffordshire. *Lepid.*
Brade, J., 7 Percey Terrace, Stratford, London, E. *Lepid.*
Bradley, Henry, 98 Roebuck Road, Sheffield. *Philology.*
Bradley, T., Barton Road, Walton, Liverpool. *Lepid.*
Brady, Dr. George S., 2 Mowbray Villas, Sunderland. *Invertebrate Zoology; Entomostraca, chiefly Copepoda and Ostracoda.* Would exchange specimens of Entomostraca, etc.*
Brady, Henry Bowman, F.R.S., F.L.S., F.C.S., Gateshead-on-Tyne, *Recent and Fossil Protozoa, esp. Foraminifera and Radiolari.* C.
Bragge, William, F.S.A., F.G.S., Clarendon House, Hall Road, Birmingham.*
Braham, Philip, F.C.S., 6 George St., Bath. *Chem., Phys., Crystal.**
Braidwood, P. M., Delamere Terrace, Park Road, South, Birkenhead. *Pathology.*
Brailey, Wm. A., 16 Orchard St., London. *Mic.*
Braithwaite, R., M.D., 303 Clapham Road, London. *Mosses.*
Bramwell, Sir Fredk. Joseph, Engineer, 37 Great George St., Westminster, London, S.W.
Brass, Rev. Henry, M.A., Red Hill, Reigate.
Brebner, James S., Tay St., Dundee, Scotland. *Bot.*
Bree, Dr., Colchester. *Orn., Palæo.* C.
Breese, Charles J., F.L.S., 1 Marquess Road, Canonbury, N.*
Breton, William Henry, Commander R.N., 15 Camden Crescent, Bath.
Brett, Alfred T., M.D., Watford House, Herts.
Brett, John, F.R.A.S., 38 Harley St., London, W. *Ast.*
Brewin, Thomas D., F.R.A.S., 14 Saint Nicholas St., Leicester. *Ast.: Mars.**
Briant, A. B., Lansdowne Terrace, Hampton Wick.

Brickenden, James Gordon, King's Cliffe, Wansford, Northamptonshire.
Bridgman, John B., 69 St. Giles St., Norwich. *Ent.*
Brierley, James, 29 Manchester St., Southampton. *Chem., Phys.*
Brigg, John, F.G.S., Broomfield, Keighley. *Geol.* C.*
Briggs, Charles A., 55 Lincoln's Inn Fields, London, W.C. *Ent.*
Briggs, Thomas H., M.A., 55 Lincoln's Inn Fields, London. W.C. *Ent.*
Briggs, T. R. A., F.L.S., Richmond Villa, Alma Road, Devonport, Devon.*
Bright, Sir Charles Tilston, 20 Bolton Gardens, London, S.W.
Bright, James, M.D., 6 Holyrood Pl., Plymouth.
Brightwen, Mrs. George, The Grove, Great Stanmore. *Bot., Hort., Orn., Ent.**
Bristow, Henry William, F.R.S., Director of the Geological Survey of England, Museum, Jermyn St., London, S.W.
Brittain, Frederick, Taptonville Crescent, Sheffield. *Bot., esp. Insect-catching plants.* C. Ex. in specialty.
Brittain, Thomas, Sheffield. *Mic.*
Britten, J., British Museum Nat. Hist., S. Kensington, London.
Broad, T. W., Stanhope Gardens, London, S.W.
Brockbank, William, Brockhurst, Didsbury, Manchester.
Brodhurst, Bernard Edw., 20 Grosvenor St., London, W.
Brodie, F., F.R.A.S., 53 Bedford Sq., London, W.C. *Ast.*
Brodie, Rev. Peter B., M.A., F.G.S., R.V., Rowington Vicarage, near Warwick. *Geol.* Ex. for fossil insects.*
Brogden, Henry, Hale Lodge, near Altrincham, Cheshire.
Brogden, James, F.L.S., Sea-Bank House, Porthcawl, Bridgend.
Bromley, J. Harrison, Eldwick Crag, near Bingley, Yorkshire. *Geol.*
Brook, George, Jr., F.L.S., Fernbrook, Huddersfield. *Crustacæ, Collembola.* C. Ex.*
Brooke, Arthur B., Cardney, Dunkeld. *Orn.*
Brooke, Edward, Oakley House, Edgeston, Huddersfield.
Brooke, Sir Victor A., Bart., F.L.S., Colebrooke, Brookeborough, Co. Fermanagh, Ireland. *Orn.*
Brooke, Sir William Brooke O'Shaughnessy, M.D., 55 Parliament St., London, S. W.
Brookes, John, Yew Villa, Westgate, Southwell.
Brooks, Rev. H. S., B.A., Thorrington, near Colchester, Essex. *Philol., Arch., Bot.* C.*
Broom, C. E., M.A., F.L.S., Elmhurst, Batheaston, near Bath. *Bot., Mycol.*
Broom, G. J. C., Town Hall, Dudley.
Brothers, A., F.R.A.S., 126 Upper Brook St., Manchester. *Photog.*
Brothers, Horatio, St. Lawrence, Putney Hill, London, S.W.
Brotherston, A., Sheldon Park Road, Scotland. *Bot.*
Brown, Alexander Crum, M.D., Prof. Chem. in the University of Edinburgh, Edinburgh, Scotland. *Chem.*
Brown, C. Barrington, 115 Lansdowne Road, Notting Hill, London, W.
Brown, Edward, F.L.S., 2 Blythwood Villas, Crouch Hill, London, N.*
Brown, George Dransfield, M.R.C.S., L.S.A., F.L.S., Henley Villa, Ealing, W. *Bot. Palæo., Invert. Anat., Radiates.* C. Ex.*
Brown, James Campbell, D.Sc., Prof. of Chem., University College, Ashton St., Liverpool. *Chem., Min.* Ex.*
Brown, John, 12 Bedford St., Belfast, Ireland. *Elect.**
Brown, John, The Hawthorns, 3 Lozell's Road, Birmingham.
Browd, John Allen, F.R.G.S., 7 Kent Garden, S. Ealing, London, W. *Geol., Min.**
Brown, John C., LL.D., Prof. Emer., Haddington, Scotland. *Forestry and Econ. Bot.*

Brown, Joseph, Q.C., 54 Avenue Road, Regent's Park, London, N.W.
Brown, N.E., Ivy Cottage, Red Hill. *Ent.*
Brown, R., Poplar Grove, The Elms, Toxteth Park, Liverpool. *Lepid.*
Brown, Richard, 115 Lansdowne Road, Notting Hill, London, W.
Brown, Robert, M.A., Ph.D., F.L.S., Ferslev., Rydal Road, Streatham, London, S.W. *Phys. Geog.*, more especially in its biological and ethnological aspects (spec. Arctic Regions, Northwest America, and Friesian Islands). Ex. papers, books, and maps in relation to above.*
Brown, Thomas, Further Barton, Cirencester.
Brown, Thomas Forster, Guildhall Chambers, Cardiff, Wales.
Browne, Colvile, 5 Hilldrop Road, Camden Road, London, N.
Browne, Capt. C. O., F.R.A.S., Downham, Shooter's Hill, Woolwich.
Browne, James Crichton, M.D., LL.D., 7 Cumberland Terrace, Regent's Park, London, N.W.
Browne, Montague, F.Z.S., Curator, Museum, Leicester. *Palæo., Gen. Nat. Hist.* C. Ex.*
Browne, R. Mackley, Northside, St. John's, Sevenoaks, Kent.
Browne, The Ven. Archdeacon Robert W., M.A., Prebend of St. Paul's, Wells, Somerset.
Browne, Rev. T. H., High Wycombe, Bucks. *Ent., Mic.*
Browning, John, 63 Strand, London, W.C.
Bruce, Henry Alexander, M.D., Indian United Service Club, 14 St. James' Sq., London, S.W.
Bruce, Rev. Wm. Conybeare, St. Nicholas' Rectory, near Cardiff, Wales. *Ast.*
Brunlees, James, F.R.S.E., M. Inst. C.E., 5 Victoria St., Westminister, London, S.W.
Brunning, G., 137 Kirkwood Road, Peckham, London, S.E. *Lepid.*
Brunt, Ephraim, Havelock Pl., Hanley, Stoke-on-Trent.
Brunton, John, 13*a* Great George St., London, S.W.
Brunton, Richard Henry, M. Inst. C.E., Young's Paraffine Light Co., Bathgate, Scotland.
Brunton, T. Lauder, M.D., F.R.S., 50 Wellbeck St., London, W. *Pharmacology and Therapeutics.**
Bryant, Is., 41 White St., Bethnal Green Road, London. *Lepid.*
Buccleuch, Walter Travers Montagu-Douglas Scott, Duke of, Whitehall Gardens, London, S.W.
Buchan, Alex., Sec. Scotch Meteo. Soc., 73 Great King St., Edinburgh, Scotland. *Meteo.*
Buckland, Miss A. W., 106 Guilford St., London, W.C.
Buckler, William, Lumley, Emsworth, Hants. *Lepid., Larvæ.*
Buckley, Sir Edmund, Bart., 36 Higher Ardwick, Manchester.
Buckley, Henry, 27 Wheeley's Road, Edgbaston, Birmingham. *Ool.* C. Ex. Desires rare N.A. eggs.*
Buckley, Thomas E., B.A., Attadale House, Strath Carron, Ross-shire, N.B., Scotland. *Orn.*
Buckman, James, Prof. Geol and Rural Econ., Bradford Abbas, Sherborne, Dorset. *Geol., Bot., and Rural Econ.* (*Spec. Jurassic Ammonites.* Ex. many fine specimens from Dorset and Somerset.)
Buckney, Thomas, F.R.A.S., Little Thurlow, Newmarket. *Timekeepers and Galvanic Chronographs for Observatories.*
Bucknill, J. C., M.D., 39 Wimpole St., London, W.
Buckton, G. B., Weycombe, Haslemere, Surrey.
Budd, George, M.D., Ashleigh, Barnstaple, Devonshire.
Bulger, G. E., care of Messrs. Wheatley & Co., 156 Leadenhall St., London, E.C. *Orn.*
Bull, Dr. Henry G., Hereford. *Mycology, Pomology.**

Bull, Rev. Josiah M.A., Bury Lodge, South Norwood, London, S.E.
Bull, R. E., 85 Milton St., Dorset Sq., London, N.W. *Ent.*
Bunbury, Sir Charles James Fox, Bart, F.R.S., F.L.S., 48 Eaton Pl., Belgrave Sq., London, S.W.
Bunbury, Edward Herbert, M.A., 35 St. James' St., London, S.W.
Burder, G., M.D., Clifton, Bristol. *Meteo.*
Burge, C H., Laboratory, Somerset House, London, W.C. *Chem.*
Burgess, James, LL.D., 22 Seton Pl., Edinburgh, Scotland. *Indian Architecture, History, and Epigraphy.*
Burghardt, Dr. C. A., Owen's College, Manchester. ***Min.***
Burnand, George, Tewin Water, Welwyn.
Burnard, C. F., Plymouth Chemical Works, Plymouth. *Chem.*
Burnell, Edward H., 32 Bedford Row, London, W.C. *Ent.*
Burnett, Ernest, Stogumber, near Taunton, Somerset. *Orn., Physiol., Hygiene, and Dietictus.**
Burns, David, Geological Survey of England, Museum, Jermyn St., London, S.W.
Burrows, Sir George. M.D., D.C.L., LL.D., F.R.S., 18 Cavendish Sq., London, W.*
Burt, Major T. Seymour, Pippbrook House, Dorking, Surrey.
Burton, C. E., F.R.A.S., Rathmichael Glebe, Loughlinstorm, Dublin, Ireland. *Ast.*
Burton, Decimus, 1 Gloucester Houses, Gloucester Crescent, Bishop's Road, London, W.
Burton, Frederick M , Highfield, Gainsborough.
Burton, Rev. John Richard, B.A., The Grammar School, Bewdley.
Burton John, 50 Portland Road, Nottingham.
Bush, H., 420 Old Ford Road, London, E. *Lepid.*
Bush, J. W., F.R.A.S., Observatory, Mapperley, Nottingham. *Ast.*
Busk, George, F.R.C.S., F.R.S., F.L.S., 32 Harley St., London, W.
Butler, Arthur G., F.Z.S., 10 Avington Grove, Penge, London, S.E. *Ent.*
Butler, George Grey, B.A., Civil Service Commission, Cannon Row, London, S.W.
Butterell, J. D., 2 St. John St., Beverley. *Moll.* C. Ex. Pisidia.*
Byerley, Isaac, Seacombe, Birkenhead, Cheshire.
Byron, W. Ascroft, 31 King St., Wigan.
Bywater, W. M., 5 Hanover Sq., London, W.
Caird, Sir James, K.C.B., F.R.S., 8 Queen's Gate Gardens, London, S.W.
Caithness, James Sinclair, Earl of, 34 Hill St., Berkeley Sq., London, W.
Caley, James Augustus, M. Inst., C.E., Flax Bourton, Somerset.
Callard, T. Karr, F.G.S., 4 Blenheim Terrace, St. John's Wood, London, N W.*
Callaway, Charles, M.A., D.Sc. London, Wellington, Shropshire.
Calver, E. K., The Grange, Red Hill, Surrey.
Calver, George, Hill House, Widford, Chelmsford. *Ast.*
Calvert, T., Craig Court, Charing Cross, London, S.W.
Cambridge, Frederick O. P., Warmwell Rectory, Dorchester, Dorset. *Lepid., Coleopt.* C. Ex.*
Cambridge, Rev. O. P., Bloxworth Rectory, Wareham. *Lepid., Arachnida.* C.*
Cameron, A. G., Geol. Survey, Jermyn St., London. *Water Supply.*
Cameron, James, Laboratory, Somerset House, London, W.C. *Chem.*
Cameron, J. Macdonald, Chemical Metallurgical Lab., 52 Lime St., London, E.C. *Chem.*
Cameron, Peter, 31 Willow Bank, Crescent, Glasgow, Scotland. *Ent.*
Campbell, Albert J., 58 Lancaster Gate, London, W.
Campbell, Charles, Gas Works, Neepsend, Sheffield.

Campbell, Donald, Elgin, Scotland. *Bot.*
Campbell, F. M., F.L.S., Rose Hill, Hoddesdon, Herts. *Ent., Arach.**
Campbell-Johnston, A. R., 84 St. George's Sq., London, S.W.
Campbell, John F., Niddry Lodge, Kensington, London, W.
Campbell, John M., Asst. Curator, Kelvingrove Museum, Glasgow, Scotland. *Zool., Arch., Eth., Herpetol., Tax.* C. Ex.*
Campbell, Lieut.-Col. John Robert, Charing, Ashford, Kent.
Campbell, W. H., Bellynagard House, Londonderry. *Lepid.*
Campion, Frank, The Mount, Duffield Road, Derby.
Canderlier, Ernest, 90 Great Tower St., London, E.C.
Cancsdale, W. D., M.E.S., 8 Grove Terrace, South Tottenham, Middlesex. *Ent.**
Capper, Henry, Huyton Park, Huyton, near Liverpool. *Ent.**
Capper, Samuel James, Pres. Lancashire and Cheshire Ent. Soc., Huyton Park, Huyton, near Liverpool. *Ent.; Lepid.* C.*
Capron, Dr. Edward, Shere, Guildford. *Ent.*
Capron, J. Rand, Guildown, Guildford, Surrey. *Ast., Meteo.**
Cardwell, Viscount, D.C.L., F.R.S., 74 Eaton Sq., London, S.W.
Carew, R. Russell, Carpenter's Hall, Watford. *Met.*
Carey, Sir Peter Stafford, M.A., Candie, Guernsey.
Carmichael, C. H. E., M.A., 46*a* Coleshill St., Eaton Sq., London. S.W. *Anth.*
Carmichael, Thomas D. Gibson, Castle Craig, Dolphinton. *Ent. Myriapoda.**
Carnarvon, H. H. Mo. Herbert, Earl of, P.S.A., 16 Burton St., London, W.
Carpenter, Jas., F.R.A.S., Chester Villa, South St., Greenwich. *Ast.*
Carpenter, William Benjamin, C.B., M.D., LL.D., 56 Regent's Park Road, London, N.W. *Mic.*
Carrick, Rev. J. L., M.A., Spring Hill, Southampton.
Carr, J. W., Woodwardian Museum, Cambridge. *Palæo. Bot.* C. Ex.,
Carr, W. D., 70 Carholme Road, Lincoln. *Lias Palæo.* C. Ex.
Carrington, Benjamin, M.D., Eccles, near Manchester. *Hepaticæ.*
Carrington, C., Ellershe, Lower Merton, London, S.W. *Ent.*
Carrington, John T., Royal Aquarium, Westminster. *Ent.*
Carrington, Thomas, Jr., Endcliffe Court, Sheffield.
Carruthers, William, F.R.S., F.L.S., British Museum (Natural History Branch), South Kensington, S.W.
Carteighe, John, 3 Hereford Sq , South Kensington, London, S.W.
Carteighe, Michael, 180 New Bond St., London, W.
Carter, H J., F.R.S., The Cottage, Budleigh, Salterton, Devon. *Sponges, Foraminifera.* C*
Carter, James, F.R.C.S., F.G.S., 30 Petty Cury, Cambridge. *Fossil Crustacea* (excluding Trilobites).*
Carter, Thomas, LL.B., Mill Hill House, Leicester. *Bot.**
Carter, Richard, Spring Bank, Harrogate.*
Cartwright, A. J., Quilter St., Bethnal Green, London. *Lepid.*
Cartwright, Prof. Samuel, 32 Old Burlington St., London, W. *Anth, Mic.*
Carulla, F. J. R., Peninsula Steel Works, 89 Brunswick St., Sheffield. *Chem.*
Carvalho, S. N., Jr., 8 Inverness Terrace, London, W.
Carver, T. G., M.A., Storeton Road, Birkenkhead.
Casey, John, LL.D., F.R.S., F.R.U.I., Catholic Univ., 86 South Circular Road, Portobello, Dublin, Ireland. *Math.**
Cash, William, F.G.S., 38 Elmfield Terrace, Halifax, Yorkshire. *Crypt. Bot., Palæo., Zool., Recent and Fossil Moll.* C. Ex. Offers for non-British forms, British species, also scientific apparatus, and books.*

Cassal, C. E., Hygienic Laboratory, University College, London, W.C. *Chem.*
Cassels, Louis P., F.R.A.S., 147 Holborn Bars, London, E.C.
Caton, Richard, Prof. of Physiol., Univ. Coll., Liverpool, 18*a* Abercromby Sq., Liverpool. *Gen. Biol., Histol. of Vert.**
Cator, Charles Oliver Frederick, Stratford House, Beckenham, Kent.
Cave-Browne, Rev. J., Detling Vicarage, Maidstone. *Lepid.*
Cavell, Edmund, Saxmundham, Suffolk. *Palæo., spec. Pliocene.*
Cayley, Prof. Arthur, Univ., Cambridge, London.
Cazaux, D. B., 61 Finsbury Park Road, London, N.
Chadwick, David, 65 Moorgate St., London. *Mic.*
Challis, Rev. James, Plumian Prof. Ast. Univ., Cambridge, 2 Trumpington St., Cambridge.
Chamberlin, Rev. T. C Bigsby, North Wheatley Vicarage, East Retford.
Chambers, Geo. F., Northfield Observatory, Eastbourne, Sussex *Ast.*
Chambers, William, LL.D., 13 Chester St., Edinburgh, Scotland.
Chambers, Wm. Oldham, F.R.I.B.A., Lowestoft. *Pisciculture, especially propagation of food-producing fishes.**
Champernowne, Arthur, M.A., F.G.S., Dartington Hall, Totnes, Devon. *Geol., Palæo.* C. Ex.*
Champion, G. C., 274 Walworth Road, London, S.E. *Ent.*
Champneys, F. H., 11 Wyndham Pl., Bryanston Sq., London, W.
Chance, Edward John, F.R.C.S., F.L.S., F.G.S., Surgeon to the City Orthopodic Hospital, 59 Old Broad St., London, E.C.*
Chantre, M. Cesar, 56 New Broad St., London, E.C.
Chapman, David B., Roehampton, London, S.W.
Chapman, Edward, M.A., F.L.S., Frewen Hall, Oxford.*
Chapman, Thomas, 25 Bryanston Sq., London, W., and Whitby.
Chapman, T. Algernon, M.D., Burghill, Hereford. *Bot., Ent.* C.*
Chapple, William, Liverpool College, Liverpool.
Charlesworth, Edward, 277 Strand, London, W.C.
Charlton, Ernest S., Hesleyside, Bellingham, Hexham. *Ent.*
Charlton, George, 42 Mildmay Road, London, N.
Charte, A., M.A., M.D., Dir. Nat Hist. Museum, Dublin, Ireland.
Chase, R. W., 2 Egbaston Road, Birmingham. *Orn.*
Chater, E. M., High St., Watford. *Mic. and Bot.*
Cheadle, Robert William, 93 Ladbroke Grove Road, Notting Hill, London. W.
Checkley, Thomas, Lichfield St., Walsall.
Cherry, John Law, Rowley Park, Stafford.
Chesney, A., 2 Hope's Court, Port Road, Carlisle. *Lepid.*
Chiene, John, M.D., Prof. of Surgery, Univ., Edinburgh, Scotland.
Child, Gilbert W., M.A., Cowley House, Oxford.
Childers, Right Hon. Hugh C. E., Athenæum Club, London, S.W.
Chimmo, Capt. William, Westdowne, Weymouth, Dorset.
Chirney, H. G., 139 Seven Sisters Road, London, N. *Lepid.*
Christopher, G., F.C.S., Analytical and Consulting Chemist, 8 Rectory Grove, Clapham, London, S.W. *Chem., Phys.*
Christie, W. H. M., M.A., F.R.S., F.R.A.S., Astronomer Royal, Greenwich Royal Observatory, London, S.E. *Ast.**
Christy, Robert Miller, Chignal St. James, near Chelmsford, Essex. *Phæn. Bot., Ferns, Eth., Mam., Orn., Ool., Herpetol., Tax., Moll.**
Chrystal, Prof., Univ., Edinburgh, Scotland. *Math.*
Church, Prof. Arthur Herbert, M.A., F.C.S., F.I.C., Prof. Chem. Royal Acad. of Arts, Shelsley, Ennerdale Road, Kew, Surrey.*
Church, H. F., Southgate, London. *Min.*
Churchill, George Cheetham, care of Mr. E. Stanford, 35 Charing Cross, London, S.W.

Clapham, Crochley, M.D., Muriel House, Peak Hill, Sydenham, London, S.E. *Anth., Craniological Section.* C. Skull-forms and Brain-weights of the Insane.
Clapton, Edward, M.D., Physician, St. Thomas Hospital, 10*a* St. Thomas St., Southwark, London, S.E.
Clark, George T., F.S.A., Dowlais House, Merthyr-Tydvil, Wales.
Clark, J. Gilchrist, Dabton, Thornhill, Dumfries, Scotland. *Min.*
Clark, J. Edmund, B.A., B.Sc., F.G.S., 20 Botham, York. *Geol., Ferns, Meteo.**
Clark, John, Ph.D., F.C.S., 138 Bath St., Glasgow, Scotland. *Chem.*
Clark, Frederick LeGros, The Thorns, Sevenoaks.
Clark, Latimer, 6 Westminster Chambers, Victoria St., London. *Elect.**
Clark, Thomas, Truro. *Min.*
Clarke, A. H., 16 Furnival's Inn, London, E.C. *Ent.*
Clarke, Alex. Ross, Ordnance Survey Office, Southampton.
Clarke, C., 3 York St., Dublin, Ireland. *Lepid.*
Clarke, Charles Baron, F.L.S., Herbarium, Kew. *Ent.*
Clarke, Hyde, 32 St. George's Sq., London, S.W. *Phys., Meteo., Comp. Philol., Anth.**
Clarke, I. A., 11 Duncan Pl., London Fields, London. *Gen. Ent.: Lepid.*
Clarke, Rev. Robert, F.L.S., 150 Cromwell Road, London, W. *Nat. Hist.*
Clarke, Stephenson, Croydon Lodge, Croydon.
Clarke, William Eager, 5 East View, Hyde Park, Leeds. *Orn.*
Claxton, W., Tenbury, Worcestershire. *Lepid.*
Clay, Charles, M.D., Lecturer and Author, Obstetric Med. Collector of Theological Literature and Numismatist, Andenshaw Lodge, and 101 Piccadilly, Manchester. C. of 1000 Bibles.*
Clay, Joseph Travis, Rastrick, near Huddersfield.
Cleaver, Edw. L., 289 King's Road, Chelsea, London, S.W. *Chem.*
Cleghorn, John, Wick, Caithness, Scotland. *Geol., Anth.*
Cleland, John, M.D., Prof. Anat., University of Glasgow, 2 College, Glasgow, Scotland.
Cleminshaw, Edward, M.A., F.C.S., Grenhill, Sherborne, Dorset.
Clerk, Henry, 3 Hobart Pl., Eaton Sq., London, S.W.
Clerk-Maxwell, J., Cambridge.
Cliff, John, Linnburn, Ilkley, Leeds.
Clifford-Allbutt, T., M.D., Lyddon House, Leeds.
Clifford, Rev. John, M.A., LL.B., B.Sc., 51 Porchester Road, Westbourne Park, London, W.
Clifton, R. B., Prof. Exper. Phil., Univ. of Oxford, Portland Lodge, Park Town, Oxford.
Clive-Bayley, Miss M., Wilmington Lodge, Hurstpierpont, Sussex. *Lepid.*
Close, Rev. Maxwell H., Newtown Park, Blackrock, Co. Dublin, Ireland.
Clough, Charles Thomas, B.A., Geological Survey of England, Museum, Jermyn St., London, S.W.
Clouston, Rev. Charles, LL.D., Stromness, Orkney, Scotland. *Nat. Hist., Meteo.*
Coape, Lieut.-Col., Capel, Pryor's Bank, Fulham, London, S.W.
Coates, James, Pitcullen House, Perth, Scotland. *Con.*
Coates, John, Assoc. M. Inst. C.E., 33 Frederick St., Gray's Inn Road, London, W.C.
Cobbold, E. Sterling, Assoc. M. Inst. C.E., Chasewood Lodge, Ross, Herefordshire.

Cobbold, T. Spencer, M.D., F.R.S., F.L.S., 74 Portsdown Road, Maida Vale, London. *Bot., Zool., Spec. Helmintholo/y.* Would donate a large collection of parasites if the M.S. catalogue were arranged for.*
Cockburn, L., Weatherley, The Mount, Totnes, S. Devon.
Cockburn, William, Huntcliffe House, Saltburn-by-the-Sea, Yorkshire.
Cockburn-Hood, Thomas H., F.R.S.E., Junior Carlton Club, Pall Mall, London, S.W.
Cockle, Capt. G., 9 Bolton Gardens, London, S.W. *Ent.*
Cockle, Hon. Sir James, 2 Sandringham Gardens, Ealing, London, W.
Codd, Francis, 51 Duke St., Devonport.
Codrington, Thomas, 10 Montagu Villas, Richmond, Surrey.
Cogswell, Charles, M.D., 47 York Terr., Regent's Park, London, N.W.
Coke, Richard George, Brimington Hall, near Chesterfield.
Colchester, William, Springfield House, Ipswich. *Geol.*
Cole, B. G., Laurel Cottage, King's Pl., Buckhurst Hill, Essex. *Ent.*
Cole, W. F., F.Q.M.S., St. Mary St., Weymouth, Dorset. *Mic.*
Cole, William, Laurel Cottage, King's Pl., Buckhurst Hill, Essex. *Lepid.*
Cole, William Mason, 93 St. Helen's St., Ipswich.
Colebrook, Sir Thomas Edward, Bart., M.P., 14 South St., Grosvenor Sq., London, W.
Coleridge, John, Duke, Lord, 1 Sussex Sq., Hyde Park, London, W.
Coles, John, F.R.A.S., F.R.G.S., 1 Savile Row, Burlington Gardens, London. *Geog., Ast., Surveying.**
Coles, Ferdinand, 18 Brooke Road, Stoke-Newington Common, London, N.
Collard, Thomas White, St. George's Pl., Canterbury.
Colles, Miss, Kilkenny, Ireland. *Bot.*
Collett, Lieut.-Col. H., 23 Pioneers Meean, Meer, Punjaub, India, care of Trafford House, Surbiton Hill, Surrey.
Collier, Edward, 7 Dale St., Manchester. ***British and Foreign Shells.***
Collings, Rev. William Thomas, Guernsey.
Collingwood, J. Frederick, Science Club, 4 Savile Row, London, W.
Collins, John, F.C.S., Bradford Buildings, Mawdsley St., Bolton.
Collins, J. H., 57 Lemon St., Truro. *Chem., Geol., and Min.*
Collinson, Thomas, The Elm, Southey, Sheffield.
Colquhoun, James, Tredegar Iron Works, Tredegar, Monmouthshire
Colthurst, Joseph, Drifney Castle, Cork, Ireland.
Coltman, William B., 8 Hyde Park Gardens, London, W.
Colvile, Right Hon. Sir James W., 8 Rutland Gate, London, W.
Colvin, Alexander, B.A., Beaconside, Penrith, Cumberland.
Comber, Thomas, Redcliffe, Newton-le-Willows, Lancashire.
Comerford-Casey, Rev. G. E., M.A., F.L.S., 68 Cromwell Terrace, Nottingham.*
Common, Andrew Ainslie, 63 Eaton Rise, Ealing, London. *Ast.**
Conchie, William, Livingstone, Mid Calder, Scotland. *Geol., Bot.*
Coode, Sir John, 35 Norfolk Sq., London, W.
Cook, Henry, M.D., Ringmore, Teignmouth, Devon.
Cooke, A., Spring Vale, Liscard, Liverpool. *Ent.*
Cooke, Major-Gen. Anthony Charles, C.B., R.E., Ordnance Survey Office, Southampton.*
Cooke, Alfred H., King's College, Cambridge. *Con.*
Cooke, B., Windsor Road, Southport. *Ent.*
Cooke, B., Jr., & Co., Naturalists, 21 Renshaw St., Liverpool. *Orn., Oo', Tax., Ent.: Lepid.* C. Ex.*
Cooke, Bancroft, 11 Grosvenor Pl., Birkenhead.
Cooke, Benj., 103 Windsor Road, Southport, Lancashire. *Ent.*

Cooke, C. W., C.E., 5 Westminster Chambers, Victoria St., London. *Phys. Sci.*
Cooke, James Samuel, 5 Raymond Buildings, Gray's Inn, London, W.C
Cooke, M. C., M.A., LL.D., 146 Junction Road, Upper Holloway, London, N. *Fungi, Desmids.* C.
Cooke, N., Gorsey Hey, Liscard, Liverpool. *Ent.*
Cooke, Rev. Robert Bryan, Bryn Alyn, Mold, Flintshire.
Cooke, Stephen, Veterinary College, Glasgow, Scotland. *Chem.*
Cooke, Thomas, 30 Museum St., London, W.C. *Gen. Ent.: Lepid.*
Cooke, Thomas, F.R.A.S., Optician, York. *Ast.*
Cooksey, Joseph, West Bromwich.
Coombs, John A., C.E., Cheltenham Gas Works, Cheltenham.
Cooper, Charles, M.D., King St., Leicester. *Bct.*
Cooper, E., 31 Baring St., New North Road, London. *Gen. Ent.: Lepid.*
Cooper, E. F., De Montfort Sq., Leicester. *Bot.*
Cooper, Col. E. H., Markree Obs., Collooney, Ireland. *Ast.*
Cooper, I. A., 32 Bingfield St., Barnsbury, London, N. *Lepid.*
Cooper, Robert Elliott, 1 Westminster Chambers, Victoria St., London, S.W.
Copeland, Alfred J., Dell Field, Watford. *Orn., Ent.*
Copeland, Ralph, Ph.D., Obs. Dun Echt, Aberdeen, Scotland. *Ast.* Editor of "Copernicus."
Copland, Patrick F., Hillcote, Buckhurst Hill, Essex. *Ent.*
Copland-Crawford, R. F., Lieut.-Gen. R. A., Sudbury Lodge, Harrow.
Copperthwaite, W. C., Beechgrove, Malton. *Ent.*
Cordeaux, John, Great Cotes, Ulceby, Lincolnshire. *Orn.*
Corfield, William Henry, M.D., M.A., Prof. Hygiene in Univ. Coll., London, 10 Bolton Row, Mayfair, London, W.
Corry, Thomas H., M.A., Belfast, Ireland. *Bot.*
Cossham, Handel, Hill House, near Bristol.
Cottam, Arthur, Eldercroft, Watford. *Coleopt., Diatoms, Ent., Bot.*
Cotterell, William, F.R.A.S., Park St., Walsall, Staffordshire. *Ast., Min.* C.
Cotterill, J. H., 18 Gloucester Place. Greenwich, London, S.E.
Cotton, Thomas, M.D., 214 Seven Sisters' Road, London, N.
Courtney, John Sampson, Penzance.
Cowan, Thomas William, Comptons Lea, Horsham, Sussex. *Geol., Nat. Hist., Bee Keeping, spec. Diseases of Bees.* C. Ex. Geol., spec., flint implements and mic. objects.
Cowan, Rev. William Deans, F.R.G.S., Woodville, Eskbank, Dalkeith, Scotland. *Orn., Ool., Ent.: Lepid., Coleopt.* C. Ex.*
Cowham, Joseph H., 1 Leicester Villas, Brodrick Road, Upper Tooting, London, S.W.
Cowherd, James, F.L.S., Stony Dale, Grange-over-Sands, Cranforth, North Lancashire.*
Cowie, Thomas R., Riddrie Vale, Parkhead, Glasgow, Scotland. *Bot., Geol.*
Cowlishaw, John, Chapeltown Collieries, Sheffield.
Cowper, Rt. Hon. Earl of, Panshanger, Hertford. *Bot.*
Cowper, Hon. Henry F., Brocket Hall, Hatfield.
Cox, Col. C. J., Fordwich House, Canterbury. *Ent.*
Cox, H., Ramsay, Thornleigh, Forest Hill, London, S.E. *Lepid.*
Cox, Herbert E., Rosenheim, Reigate. *Ent.*
Coxon, Samuel B., Usworth Hall, Washington Station, Co. Durham.
Coyle, Denis, 69 Lenham Parade, Greenhill, Derby. *Min.*
Craggs, Joseph, Newcastle-on-Tyne. *Mic.*
Crane, Edward, St. John's Lodge, Wellington Villas, Brighton.
Craven, Alfred E., F.L.S., 36 Prince's Gate, London, S.W.

Crawford and Balcarres, Earl of, M.P., F.R.S., 47 Brook St., London, W., and Dun Echt, Aberdeen, Scotland. *Ast., Phys.**

Crawford, James Coutts, F.G.S., Overton House, Strathaven, Lanarkshire, Scotland. *Geol.* C.

Crawley, W. J. Chetwode, B.A., LL.B., 3 Ely Place, Dublin, Ireland.

Crawshaw, Edward, 15 Charter-house St., London. *Min.*

Crespigny, Eyre de, M.D., M.R.C.S. (Bombay Medical Service, retired), 64 Tavistock Crescent, Westbourne Park, London. *Bot.* C. Ex. Offers British plants for European and North American.*

Creswell, Rev. S. F., F.R.G.S., Northvepps Rectory, Norwich. *Ast.*

Crichton, Alexander, Athenæum Club, Pall Mall, London, S.W.

Crichton, Arthur W., B.A., Broadward Hall, Salop. *Orn.*

Crimp, William Santo, Assoc. M. Inst. C.E., 3 Rose Villas, Merton, Surrey.

Crisp, Frank, LL.B., B.A., V.P.L.S., Sec. R.M.S., 5 Landsdowne Road, Notting Hill, London, W. *Mic.**

Criswick, George S., R. Obs., Greenwich, S.E. *Ast.*

Crocker, John, Exmouth. *Min.*

Croft, Mrs., Fanhams Hall, Ware. *Bot.*

Croft, Richard B., Fanhams Hall, Ware. *Crypt. Bot.*

Crofton, M. W., Woolwich.

Croke, J. O'Byrne, M.A., The French College, Blackrock, Co. Dublin, Ireland. *Exper. Physics.**

Croll, James, LL.D., F.R.S., Geol. Survey Office, Edinburgh, Scotland.*

Crombie, Rev. James M., M.A., F.L.S., 12 Coleherne Road, W. Brompton, London, S.W.

Crompton, Rev. James, Buckley, Chester.

Crookes, William, F.R.S., F.C.S., 7 Kensington Park Gardens, London, W. *Chem., Phys.* C.

Crosbie, Frank, The Chesnuts, Barnet, Herts. *Ent.*

Cross, Rev. J. E., M.A., F.R.A.S., Appleby, Brigg, Lincolnshire.

Cross, Right Hon. Sir Richard Assheton, LL.D., 53 Eccleston Sq., and Athenæum Club, London, S.W.

Crossfield, Talbot King, 78 King Edward's Road, South Hackney, London. *Min., Ent.: Lepid.* C. Ex.*

Crosskey, Rev. H. W., LL.D., F.G.S., 28 George Road, Birmingham. *Geol. of Glacial Epoch.* C. Ex. Brit. fossils for American fossils.*

Crossley, Edward, F.R.A.S., Halifax. *Ast.**

Crowley, Jonathan Sparrow, 3 Park Hill Rise, Croydon.

Crowther, Henry, 51 Cemetery Road, Breston Hill, Leeds. *Coleopt., Con.* C. Ex.

Cruickshank, Alexander, 12 Rose St., Aberdeen, Scotland. *Min.*

Cruikshank, George E., M.A., 5 Stone Buildings, Lincoln's Inn, London, W.C.

Cruise, R., M.R.I.A., Geol. Survey of Ireland, 14 Hume St., Dublin, Ireland. *Geol.*

Cruttwell, Alfred C., F.G.S., West Hill, Frome, Somerset. *Geol., Lithol.* C. Ex.

Cubison, H., 29 Jeffreys Road, Clapham, London, S.W. *Lepid.*

Cumming, John C. E., F.G.S., The Cottage, Tunbridge Wells, and Conservative Club, St. James St., London. *Invert. Palæo., Geol., Phys., Photog.**

Cunliffe, Peter G., The Elms, Hanforth, Manchester.

Cunnack, James, Coinage-Hall St., Helston, Cornwall. *Bot., Mic.* C. Ex. Offers flowering plants from West Cornwall, and wishes American species of European genera.

Cunningham, D. J., M.D., F.R.S.E., F.R.C.S.I., Royal College of Surgeons, Ireland. *Human and Comp. Anat.**

Cunningham, Robert O., M.D., Prof. Nat. Hist. (Biol.) and Geol., Queen's College, Belfast, Ireland. *Biol., Geol.*
Cunningham, William, 11 Gauden Road, Clapham, London, S.W.
Cunon, John, M.D., 3 George St., Hanover Sq., London. *Anat.*
Curley, Timothy, Hereford.
Curling, Thomas B., 27 Brunswick Sq., Brighton.
Curnow, William, Pembroke Cottage, Newlyn Cliff, Penzance. *Mosses, Hepaticæ.*
Curphy, W. S., Chemical Laboratory, 22 Devonshire St., All Saints, Manchester. *Chem.*
Currey, Frederick, 3 New Sq., Lincoln's Inn, London, W.C.
Curties, Thomas, 244 High Holborn, London, W.C.
Curtis, A.H., LL.D., D.Sc., Assistant Com. Intermediate Office, 1 Hume St., Dublin, Ireland. *Math., Phys.**
Cussans, J. E., 4 Wyndham Crescent, Junction Road, London, N. *Arch.**
Dale, C. W., Glanville's Wotton, Sherborne. *Ent.*
Dale, William, Epsom.
Dale, W. C., 3 Copthall Court, London, E.C. *Lepid.*
Dalgleish, J. J., 8 Athole Crescent, Edinburgh, Scotland. *Orn., Ool.* C. Eggs from Australia, New Zealand, Japan, and Algeria wanted in exchange.*
Dallas, John, 21 Alma Sq., Abbey Road, St. John's Wood, London, N. W. *Mic.*
Dallas, W. S., Assist. Sec. Geol. Soc., Burlington House, London, W.
Dallinger, Rev. W. H., F.R.S., F.L.S., F.R.M S., Prin. and Prof. Wesley College, Sheffield. *Biol., Bot.: Fungi, Mic., Emb., Protozoa, Infusoria.**
Dallmeyer, John H., 19 Bloomsbury St., London, W.C.
Dalton, W. H., F.G.S., Geol. Surv. Eng. and Wales, 28 Jermyn St., London, S.W. *L. Secondary, Geol., and Geol. Bibliography.**
Daltry, Rev. T. W., M.A., Madeley Vicarage, Newcastle, Staffordshire.
Dambull-Davies, W. R., Sandbach, Cheshire, and 101 Piccadilly, Manchester. *Obstetric and Operative Surgery.**
Damon, Robert, Dealer in Nat. Hist., Geol., Con., Min., Pulteney Building, Weymouth; Dorset. *Geol., Palæo., Min., Zool.* C.*
Danby, Thomas Wm., M.A., 1 Westbourne Terrace Road, London, W.
Dancer, J. B., F.R.A S., Optician, Manchester. *Ast.*
Daniel, John, Epsom, Surrey. *Con., Bot.*
Daniell, John R., Camborne. *Min.*
Darbishire, Robert Dukinfield, B.A., F.S.A., Victoria Park, Manchester.
Darwin, Francis, The Grove, Cambridge. *Physiological Bot.**
Darwin, George H., F.R.S., Trinity Coll., Cambridge. *Ast., Math.*
Daubeny, Robert Henry, Wrington, Somerset.
Davey, Edward Charles, Wantage.
Davey, Henry, Rupert Lodge, Headingley, Leeds. *Mechanics.*
Davey, Rev. Henry Mahony, M.A. Oving Vicarage, Chichester.
Davidson, Rev. G., The Manse, Logie-Coldstone, by Ballater, Scotland. *Diatoms.*
Davidson, J. H., 14 Holloway Road, Harrod Green, Leytonotope, London, E. *Phys., Chem.*
Davidson, Thomas, F.R.S., 9 Salisbury Road, W. Brighton.
Davies, D. C., Ebnal Lodge, near Oswestry.
Davies, Rev. Ebenezer, The Green Oaks, Talbot St., Southport.
Davies, Ed., Royal Inst., Liverpool. *Chem.*
Davies, G., Clarendon Hotel, Arundel St., Strand, London, W.C. *Mic.*
Davies, Rev. Gerald, Charterhouse, Godalming. Ex. prehistoric specimens for good N.A. and Mexican antiquities.

Davies, Thomas, British Museum (Natural History Branch), South Kensington, London, S.W.
Davies, William, British Museum (Natural History Branch), South Kensington, London, S.W.
Davis, H. W., Laboratory, Somerset House, London, W.C. *Chem.*
Davis, J. Barnard, M.D., Shelton, Staffordshire. *Anth.*
Davis, Sir J. F., Athenæum Club, S.W., and Hollywood, near Compton, Bristol.
Davis, James W., Chevinedge, Halifax. *Geol., spec. Fossil Fishes of Coal Measures.* C. Ex. for those of other formations.
Davis, R. L., Victoria Villas, Waltham Cross, Herts. *Lepid.*
Davison, Joseph, Newcastle-on-Tyne. *Mic.*
Dawes, George, Milton Iron-works, near Barnsley.
Dawes, John T., M.E., C.E., F.G.S., Cefn Mawr Hall, Mold, Flintshire, North Wales. *Geol., Min.* C.
Dawkins, W. Boyd, M.A., F.R.S., F.S.A., F.G.S., Prof. of Geology, The Victoria Univ., The Owen's College, Manchester, and Curator Manchester Museum. *Anth., Geol.* C. Ex. Remains of British Bone caves offered for Am. mammals, recent or fossil.
Dawson, John, M.A., 11 Somerset Pl., Bath.
Dawson, R., 15 Beverley Road, Duffield. *Ent.*
Day, St. John V., St. Vincent St., Glasgow, Scotland. *Civil Engineer.*
Dayman, Charles O., M.A., Merrie Meade, Millbrook, Southampton.
Dean, W., Lindsey St., Epping. *Lepid.*
Deane, Rev. George, The Chestnuts, Moseley, Birmingham.
Debbie, J., D.Sc., Univ., Glasgow, Scotland. *Chem.*
Debus, Heinrich, Professor of Chemistry at the Royal Naval College, Greenwich, Guy's Hospital, London, S.E.
Deby, Julien, 3 Lombard St., London, E.C. *Geol., Mic.*
De Blaquière, Right. Hon. Lord, Springfield, Crawley, Sussex.
De Castro, James C., care G. Carew, 15 Southampton St., Bloomsbury, London, W.C.
De La Rue, W., 73 Portland Pl., London. *Electricity, Chem., Ast.*
De La Sala, P. P., Col. of Engineers, Sevilla House, Navarino Road, London. *Veg. Chem., spec. rendering wood pliable and non-combustible.* Ex. edible gramineous and leguminous seeds, Intertropical woods and their products.
De la Taille des Essarts, Baron A., M.D., 2*a* Pall Mall, London, S.W. *Mic.*
Denham, Sir H. M., 21 Carlton Road, Maida-vale, London, W.
Dennet, F. C., 10 Terminus Terrace, Southampton. *Ast.*
Denning, Wm. F., F.R.A.S., Tyndale House, Ashley Down, Bristol. *Ast.*
Dent, Gregory, Ousegate School, Selby.
Denton, John Bailey, Gravely, near Stevenage, Herts.
Denys, Sir George Wm., Bart, Draycott Hall, Richmond, Yorkshire.
De Rance, Charles E., Geol. Surv. of England, Museum, Jermyn St., London, S.W. *Water Supply.*
Derby, F., D.D., LL.D., F.R.G.S., 31 Upper Hockley St., Birmingham. *Nat. Hist. Mic.**
Derby, Henry Edward Stanley, Earl of, LL.D., M.A., 23 St. James Sq., London, S.W.
Derham, Walter, M.A., LL.M., F.G.S., Henleaze Park, Westbury-on-Trym, Bristol.*
De Salis, William Fane, Dawley Court, Uxbridge.
Dessé, Ethelred, M.D., 43 Kensington Garden Sq., Bayswater, London. *Mic.*
Devonshire, William, Duke of, K.G., M.A., D.C.L., F.R.S., Devonshire House, Piccadilly, London, W.

Dewar, James, M.A., Prof. Nat. Phil., Univ. Cambridge, 19 Brookside, Cambridge.
Derwick, Edward S., M.A., 2 Southwick Pl., Hyde Park, London, W.
Dickinson, F. H., Kingweston, Somerset, 121 St. George's Sq., Pimlico, London, S.W.
Dickinson, Joseph, F.G.S., H.M.'s Chief Inspector of Mines, South Bank, Pendleton, Manchester; and Home Office, Whitehall, London.*
Dickinson, Thomas Lidney, South Bank, Pendleton, Manchester.
Dickinson, William, Jr., 3 Whitehall Pl., London, S.W.
Dickson, Alexander, Prof. Bot., University, Edinburgh, Scotland.
Dickson, Prof. Wm., Glasgow, Scotland. *Ent.*
Digby, Chas. R., Studland Rectory, Wareham, Dorset. *Lepid.*
Diggens, James, 22 Springfield Terrace, Lancaster,
Dillwyn, Lewis Llewelyn, M.P., F.L.S., Hendrefoilan, Swansea, Wales.
Dimsdale, Hon. Baron, Essendon Pl., Hertford.
Distant, W. L., 1 Selston Villas, Derwent Grove, East Dulwich, London, S.E. *Geog. Dist. Anth., Eth., Ethnog., Lepid., Hemipt.* C. Ex.*
Dittman, Prof. W. Andersonian, Univ., Glasgow, Scotland. *Chem.*
Dixon, George, Whitehaven.
Dixon, John, C.E., The Choubra, Surbiton, Kingston, Surrey.
Dixon, Jacob R. L., M.D., 126 Netherfield Road, North Liverpool. *Bot., Palæo., Geol., Chem., Zool., Gen., Biol., Emb., Anat., Anth., Gen. Ent.**
Dixon, Rev. R., LL.D., High School, Nottingham.
Dixon, Stephen Brown, Pewsey, Wilts.
Doberck, William, Ph.D., Markree Observatory, Collooney, Ireland. *Ast., Double Stars, Meteo.**
Doble, Edmund M., 12 Mount Ararat Villas, Richmond, Surrey. *Mic.*
Dobrée, N. F., Beverley, East Yorkshire. *Ent.* C. Ex.*
Dobson, H. T., Jr., New Malden, Surrey. *Lepid.*
Dobson, George E., M.A., M.B., Surgeon Major, Army Med. Dept., Royal Victoria Hospital, Netley, Southampton. *Zool., Mammalia (Insectivora).*
Dodd, B. S., Beech Avenue, Sherwood Rise, Nottingham. *Con.*
Doeg, T. E., Evesham. *Ent., Con., Bot., Orn.*
Donagan, Miss, Handel House, Haverstock Hill, London, N.W. *Mic.*
Donaldson, John, Newport-on-Tay, near Dundee, Scotland. *Bot.*
Donovan, Patrick, J.P., Tralee, Co. Kerry, Ireland. *Mic.*
Dormer, John B., J.D., Lord, Grove Park, Warwick. *Ent.: Coleopt.* C. of Cincidelidæ, which he wishes to increase by purchase or exchange.*
Dorning, Elias, 41 John Dalton St., Manchester.
Dorrington, James, Orphan Asylum, Wolverhampton.
Douglas, D., 87 Boomington Road, Leith, N.B., Scotland. *Bot.*
Douglas, John Wm., 8 Beaufort Gardens, Lewisham, London, S.E. *Ent.*
Douglas, Thomas, West Lodge, Crook, Darlington.
Douglass, James N., Trinity House, London, E.C.
Dovaston, John, West Fulton, R.S.O., Salop. *Mic.*
Dove, Hamilton, London Gas Light Co., Nine Elms, London. *Chem.*
Dove, John R. B., Chestnut Cottage, Pinner.
Dover, W. Kinsey, Myrtle Grove, Keswick.
Dowen, Rev. Z. T., Newlands Terrace, Bootle, Liverpool.
Dowker, George, Stourmouth House, near Wingham, Kent.
Downes, J., 53 Copenhagen St., Barnsbury, London, N. *Lepid.*
Downes, Rev. W., B.A., F.G.S., Kentisbeare, Collompton, Devon. *Geol., Palæo.**
Downing, A. M. W., M.A., First-Class Asst., Royal Observatory, Greenwich, London, S.E. *Ast.**

Downing, W., Whips Cross (near Wood St. Station), Walthamstow, Essex. *Ent.: Lepid.*
Dowsett, Arthur, Kingsgate Villa, King's Road, Reading. *Ent.*
Draper, H. N., Temple Road, Rathmines, Dublin, Ireland. *Chem.**
Dresser, Christopher L., C.E., F.C.S., 30 Park Row, Leeds.
Dresser, Henry E., 6 Tenterden St., Hanover Sq., London, W. *Orn.*
Drew, Frederic, Eton College, Windsor.
Drew, Joseph, M.A., LL.D., 6 Devonshire Buildings, Weymouth. *Geol., Ast.*
Drew, Joseph, 4 Foxgrove Road, Beckenham.
Drew, John Ede, Cornwall House, Penzance *Min.*
Drew, Rev. W. H., F.R.A.S., Prof. Math., King's College, London.
Dreyer, John L. E., Ph.D., Editor of "Copernicus," Armagh Obs., Ireland. *Ast.**
Dreyfus, Ludwig, 181 Adelaide Road, St. John's Wood, London. *Mic.*
Druce, E. C., Chemics, Northampton. *Bot.*
Druce, Herbert, 1 Circus Road, St. John's Wood, London, N.W. *Ent.*
Drummond, Henry, Lect. on Nat. Sci., Free Church Coll., Glasgow, Scotland. *Geol.*
Drummond-Hay, Henry M., Lieut.-Col., Royal Perth Rifles, Seggieden, Perth, Scotland. *Orn.*
Drysdale, John, M.D., 36 Rodney St., Liverpool. *Biology, spec. Bacteria.*
Ducie, Earl of, F.R.S., 16 Portman Sq., London, W.; and Tortworth Court, Wotton-under-Edge.
Duckworth, Henry, F.L.S., Holme House, Columbia Road, Oxton, Birkenhead.
Dudgeon, Patrick, Cargen, Dumfries, Scotland. *Min.*
Duer, Yeend, Cleygate House, Esher. *Ent.*
Duff, M. E. G., York House, Twickenham.
Duffin, W. le Strange, White Church, Cappoquin, Ireland. *Geol.*
Duffy, P., 4 Clifton Hill, St. John's Wood, London, N.W.
Dufty, J. N., F.G.S., M.R.C.P., The Grammar School, Tuxford, Newark. *Vert. Palæo., Geol., Min., Arch., Orn., Ool., Lepid.* C.*
Duke, Rev. Edward, Lake House, Salisbury.*
Dunbar, L. Duff, Ackergill Tower, Wick, Scotland. *Coleopt.*
Duncan, Alexander, M.A., Providence, R.I., U.S., and 7 Prince's Gate, London, S.W.
Duncan, Major Francis, M.A., D.C.L., LL.D., Royal Artillery, 29 The Common, Woolwich.
Duncan, James M., The Medical Directory of London, Pres. Obstetrical Soc.
Duncan, Peter Martin, Prof. Geol., King's Coll., 4 St. George's Terrace, Regent's Park Road, London, N.W.
Dunk, William, 111 Camden St., London, N.W. *Mic.*
Dunkin, Edwin, F.R.S., Kenwyn, Kidbrooke Park Road, Blackheath, London, S.E. *Ast.*
Dunkin, R., F.R.A.S., 15 Royal Pl., Greenwich. *Ast.*
Dunlop, Andrew, M.D., F.G.S., Consulting Physician, Jersey General Dispensary, 50 David Pl., Jersey. *Geol., Anth., Arch., Eth., Ethnog.**
Dunn, J. T., M.Sc., Coll. of Phys. Sci., Newcastle-on-Tyne. *Chem.*
Dunnet, John, Wick, Scotland. *Bot.*
Dunning, John, Middlesbrough.
Dunning, Joseph W., 12 Old Sq., Lincoln's Inn, London, W.C. *Ent.*
Dunraven, Rt. Hon. Earl of, Adare Manor, Adare, Co. Limerick, Ireland. *Anth.*
D'Urban, W. S. M., F.L.S., M.E.S., Curator of the Albert Memorial Museum, Exeter, *Mam., Ichth., Orn., Ent., Phæn. Bot.: Ferns, Anth., Prehistoric Arch., Eth.**

Durham, A. E., 82 Brook St., Grosvenor Sq., London, W.
Durham, James, Wingate Pl., Newport, Fife. *Geol.*
Durnford, W. Arthur, Birdwell, Barnsley. *Orn.*
Durrad, J. W., F.R.A.S., Sparkenhoe St., Leicester. *Ast.*
Dupré, Dr. Aug., F.R.S., Westminster Hospital, London, W. *Chem., Phys.*
Du Pré, Charles C., 17 Pembroke Gardens, Kensington, W. *Ent.*
Du Sautoy, J. B. A., 13 Blenheim Road, Bedford Park, Chiswick.
Dyer, Wm. T. Thiselton, M.A., Royal Gardens, Kew.
Dyke, Edward George, St. Austell.
Dyster, Frederick D., M.D., Tenby, Pembrokeshire.
Eassie, William, F.L.S., 73 King Henry's Road, Chalk Farm, London, N.W.
Easham, G., Leyland Road, Southport, Liverpool. *Coleopt., Lepid., Hemipt.*
Easton, Edward, 9 Delahay St., Westminister, S.W.
Eastwick, Edward Blackhouse, 51 Hogarth Road, Cromwell Road, London, S.W.
Eaton, Rev. A. E., 51 Park Road, Bromley, Kent. *Ent.*
Eaton, Richard, Mechanical Engineer, Nuttall House, Nuttall, near Nottingham. *Thermo-dynamics and fuel economy, Metallurgy.*
Ebury, the Rt. Hon. Lord, Moor Park, and 35 Park St., Grosvenor Sq., London, W. *Met., Orn.*
Eccles, James, 15 Durham Villas, Phillimore Gardens, Kensington, W.
Eddowes, Stanton, 12 Hamilton Sq., Birkenhead.
Eddy, James Ray, M.E., The Grange, Carleton, Skipton. *Mic., Min.**
Edgeworth, M.P., 9 Lexham Gardens, W. Kensington, London.
Edkins, W., 12 Charlotte St., London. *Antiquary.*
Edle, J., 40 Goldsmith's Row, Hackney Road, London. *Coleopt., Lepid.*
Edle, J., Jr., 37 Dunloe St., London. *Gen. Ent.*
Edmonds, F. B., 72 Portsdown, Road, London, W. *Solar Phys., Meteo.*
Edmonds, W. S., 28 Lawford St., Rugby, *Lepid.*
Edmunds, James, M.D., 8 Grafton St., Piccadilly, London, W.*
Edmunds, Dr. Lewis H., B.A., D.Sc., St. John's College, Cambridge. *Mathematical Phys., Chem., Elect., Magnetism.**
Edmunds, Thomas Wilcox, 32 Old Change, London, E.C. *Mic., Elect., Photog., Bibliog., Geog. Dist., Arch.* C.*
Edmundson, John W., C.E., Electrical Engineer, 13 Mosley St., Newcastle-on-Tyne. *Phys., Elect.**
Edward Charles, D.G., Chambers, 12 Bank St., Dundee, Scotland.
Edward, Thomas, A.L.S., Low Shore, Banff, Scotland. *Nat. Hist.*
Edwards, James, Rupert St., Norwich. *Hemipt., Arach.* C. Ex.*
Egerton, Lieut., Badlesmere Rectory, Faversham. *Orn.*
Egerton, Rev. William Henry, Whitchurch, Salop.
Elger, Thomas G. E., St. Mary's, Bedford. *Ast., Mic.*
Elgood, John E., 21 Oxford St., Leicester. *Mic.*
Elles, J. W., 34 Peddington, Liverpool. *Coleopt.*
Elisha, George, Shepherdess Walk, City Road, London, N. *Lepid.*
Elliot, Sir George, Bart, M.P., 23 Great George St., London, S.W.
Elliot, Sir Walter. LL.D., Wolfelee, Hawick, Scotland.
Ellis, Alexander John, 25 Argyll Road, Kensington, W.
Ellis, John William, M.D., L.R.C.P.E., 101 Everton Road, Liverpool. *Coleopt.* C. Ex.*
Ellis, William, Royal Observatory, Greenwich. *Ast., Meteo.**
Elphinstone, Sir Howard, Bart, M.A., The Law, St. Leonard's-on-Sea.
Elsden, James V., 2 Ekowe Villas, Southcote Road, Bournemouth. *Geol.*
Elt, C. H., 41 Gibson Sq., Islington, London, N. *Mic.*

Elwes, H. J., Preston House, Cirencester. *Living monocotyledonous plants, Palæarctic and Indian Birds and Lepidoptera.* C. Ex. Special desiderata at present. Arctic and Western N. America Rhopatocera, especially Colias and Argynnis.*

Elwes, J. W., Otterbourne, Winchester. *Palæo.*

Emerson, W. L., M.D., Stockdale Terrace, Leicester. *Analysis of Water and Food.*

Emmens, William, National Bank, Old Broad St., London, E.C.

Enniskillen, Earl of, D.C.L., F.R.S., Florence Court, Enniskillen, Ireland.

Enock, Fred, Ferndale, Bath Road, Woking Station, Surrey. *Preparer of Microscopic objects.**

Erck, Wentworth, LL.D., Sherrington, Bray, Co. Wicklow, Ireland. *Ast.*

Erichsen, John Eric, 6 Cavendish Pl., Cavendish Sq., London, W.

Eskrigge, R. A., 18 Hackin's Hey, Liverpool.

Espin, T. E., F.R.A.S., Wallasey Rectory, Birkenhead. *Ast.*

Essex, Rt. Hon. the Earl of, Cassiobury Park, Watford. *Geol.*

Esson, William, 1 Bradmore Road, Oxford.

Etheridge, Robert, F.R.S., L. & E., Palæontologist to the Geological Survey of Great Britain, Museum, Jermyn St., London, S.W.

Etheridge, Robert, Jr., British Museum (Natural History Branch), South Kensington, S.W. *Palæo.*

Eunson, John, C.E., 20 St. Giles St., Northampton.

Evans, Arthur H., B.A., Clare College, Cambridge. *Orn., Ool.* C. Ex. eggs.

Evans, Caleb, 3 Downshire Hill, Hampstead, London, N W. *Geol.*

Evans, Daniel Thomas, 5 Elm Court, Temple, London, E.C.

Evans, Franklin George, F.R.A.S., F.M.S., J.P., Glamorganshire Tynant House, near Cardiff, South Wales. *Meteo., Ast., Nat. Hist., Arch.**

Evans, Frederick J. Owen, Whitehall, and 116 Victoria St., Westminster.

Evans, Henry S., care Evans & Co., 60 Bartholomew Close, London, E.C.

Evans, John, D.C.L., LL.D., Nash Mills, Hemel Hempstead, *Prehistoric Arch.*

Evans, Mrs. John, Nash Mills, Hemel Hempstead. *Geol., Arch.*

Evans, J. T., M.D, Fore St., Hertford.

Evans, Dr., Little Horton Lane, Bradford, Yorkshire. *Moll.*

Evans, Mortimer, C.E., F.R.A.S., 97 West Regent St., Glasgow, Scotland.

Evans, Sebastian, LL.D., Heathfield, Alleyn Park, West Dulwich, London, S.E. *Anth.*

Evans, Thomas, Pen-y-bryn, Duffield Road, Derby.

Evans, W. Hill, M.D., 58 Horton Lane, Bradford, Yorkshire. *Con.* C. Ex. British shells for Am. Helices and Unionidæ.

Eve, Richard W., M.B., 101 Lewisham High Road, London, S.E.*

Everard, J. B., C.E., 6 Millstone Lane, Leicester.*

Everett, Rev. E., Bugbrook, Weedon. *Lepid.*

Everett, Joseph David, F.R.S., Prof. of Nat. Phil., Queen's College, Lennoxvale, Belfast, Ireland. *Nat. Phil.**

Evers, Dr. H., Dr. Armstrong's Coll., Newcastle. *Steam and Mechanics.*

Eversley, Viscount, 114 Eaton Sq., London, S.W.

Ewart, J. Cossar, M.D., Prof. Nat. Hist., Edinburgh, Scotland.*

Ewing, Rev. J. A., M.A., Westmill Rectory, Buntingford. *Orn.*

Ewing, T. J., D.D., 3 Crescent Villas, Plymouth. *Orn.*

Eyre, George Edward, Warrens, near Lyndhurst, Hants.

Eyton, Thomas C., Eyton Hall, Wellington, Salop. *Orn.*

Fair, William, M.D., 78 Portsdown Road, Maida-vale, London, W.

Falconer, Thomas, Usk, Monmouthshire,
Falconer, Rev. W. A., M.A., The Rectory, Bushey. *Ast.*
Faraday, F. J., 17 Brazenose St., Manchester.
Farie, James, 83 Highbury Quadrant, London, N.
Farn, A. B., Dartford. *Lepid.*
Farrar, Rev. Adam Storey, D.D., F.R.A.S., The College, Durham.
Farrar, Rev. F. W., M.A., D.D., 17 Deans Yard, Westminster, S.W.
Farre, Arthur, M.D., 18 Albert Mansions, Victoria St., London, SW..
Farrer, T. H., 11 Bryanston Sq., London, W.
Farrer, William James, 18 Upper Brook St., London, W.
Faust, Miss Emily, 6 Lime Tree Villas, Bischanger Road, South Norwood, London, S E. *Mic.*
Favell, T. Milnes, North Shields Water Co., 14 Saville St., North Shields.
Fawcett, William, care Rev. W. Wheeler, Southborough, Tunbridge Wells.
Fayrer, Sir Joseph, M.D., 16 Granville Pl., Putnam Sq., London, W.
Feilden, Capt. Henry W., R.A., The Barracks, Norwich. *Orn., Geol.*
Fergie, George, Colonel, South Chili, care of Rev. T. F. Fergie, M.A., Ince, Wigan.
Ferguson, William, F.L.S., Kinmundy, near Mintlaw, Aberdeenshire, Scotland.
Fergusson, James, D.C.L., F.R.S., F.R.A.S., 20 Langham Pl., London, W. *Indian Architecture.*
Fergusson, Rev. John, The Manse, Fern, Brechin, Scotland. *Mosses, Lichens.* C. Ex. Offers European and East Indian mosses, especially British and Norwegian; wishes North and South American.*
Ferrers, Rev. N. M., M A., The Lodge, Gonville and Caius College, Cambridge.
Ferrier, David, M.A., 16 Upper Berkeley St., London, W.
Festing, Major A. M., 6 St. Jean D'Acre Terrace, Devonport.
Ficklin, A., Norbiton, Surrey. *Lepid.*
Field, Frederick, Upper Marsh, Lambeth, London, S.W.
Filliter, Edward, M. Inst. C.E. Leeds.
Finch, Dr., Borough Lunatic Asylum, Leicester. *Bot.*
Finnemore, Rev. Joseph, Summerseat, Manchester.
Finzi, John A. 105 Gower St., London, W.C. *Ent.*
Fischer, W. L. F. Emer. Prof. Math., Univ., St. Andrews, Scotland.*
Fish, E. D., Stuart Road, Higher Tranmere, Liverpool. *Lepid.*
Fisher, Henry, 7 Kennet Road, St. Peter's Park, Harrow Road, London, W.
Fisher, John Cowley, Wood Hall, near Cockermouth, Cumberland.
Fisher, Rev. Osmond, M.A., Harlton Rectory, Cambridge.
Fishwick, Henry, Lieut.-Col., F.S.A., The Heights, Rochdale, Lancashire. *Arch.**
Fitch, Edward A., F.L.S., Brick House, Maldon, Essex. *Ent.*
Fitch, F., Hadleigh House, Highbury New Park, London, N. *Ent.*
Fitch, Oswald, 40 Highbury New Park, London, N.
Fitch, Robert, F.S.A., Norwich.
Fitz-Gerald, F., Folkestone. *Moll.*
Fitz-Gerald, George F., Prof. Expr Sci., Trinity College, Dublin, Ireland. *Phys.*
Fleming, Ernest L., Borax Works, Old Swan, Liverpool. *Chem.*
Fleming, William J., M.D., 155 Bath St., Glasgow, Scotland. *Phys*
Fletcher, Alfred E., 5 Edge Lane, Liverpool. *Chem.**
Fletcher, J. E., Happy Land, Worcester. *Ent.*
Fletcher, Lazarus, M.A., British Museum (Natural History), South Kensington, London, S.W.*

Fletcher, Colonel Thomas William, M.A., F.R.S., F.S.A., Lawneswood House, near Stourbridge.
Fletcher, William, Brigham Hill, near Carlisle.
Flight, Walter, D.Sc., 12 Clairville Grove, South Kensington,. S.W. *Chem., Min., Meteo.*
Florence, H L., 6 Prince of Wales Terrace, Kensington, W.
Flower, John, M.A., 6 Fairfield Road, Croydon. *Zool.*
Flower, William Henry, LL.D., Hunterian Prof. Comp. Anat. and Conservator of the Museum, Royal College of Surgeons, London. *Comp. Anat., Anth.**
Floyd, Thomas, C.E., F.G.S., 3 Victoria Mansions, Victoria St., London, S.W.*
Floyer, F A., B.A., St. Thomas Hospital, Thames Embankment, London. *Ool. of Persian Gulf.*
Floyer, John, B.A., M.P., Stafford, Dorchester.
Foord, Alfred Stanley, 186 Malpas Road, Brockley, London, S E.
Forbes, Prof. George, Anderson's Univ., Glasgow, Scotland. *Ast.*
Forbes, John E., F.G.S., 46 Hyde Road, Manchester. *Geol., Min.* C.*
Forbes, W. A., B.A., Prosecutor to the Zoological Society, 14 Ashley Pl., Victoria St., London, S.W. *Orn., Geol.*
Ford, John, Tancred, Whixley, York.
Fordham, H. G., Odsey, near Royston, Herts. *Geol.*
Forrest, H. E., F.R M.S., Lloyds Banking Co. L'd., Welshpool, N. Wales. *Lower Forms of Plants and Animals, Mic.**
Forster, George Baker, Backworth Hall, Newcastle-on-Tyne.
Forster, R. Cochrane, East View, Glandore, Leap, Co. Cork, Ireland.
Forster, William, The Hill, Whitely, Surrey. *Orn.*
Forster, Rt. Hon. William E., 80 Eccleston Sq., London, S W.
Fortescue, The Hon. Dudley Francis, M.P., Summerville, Waterford.
Foster, Balthasar, M.D., Prof. Medicine, Queen's College, 14 Temple Row, Birmingham.*
Foster, Arthur Le Neve, Telegraph Works, Silvertown. Essex. *Telegraphy.*
Foster, Clement Le Neve, D.Sc., B.A., H.M. Inspector of Mines, Llandudno, North Wales. *Geol., Min., Mining.**
Foster, G. C., B.A., F.R.S., Prof. of Phys., Univ. College, London, 12 Hilldrop Road, London, N.*
Foster, Herbert Le Neve, Mossend Iron Works, Holytown, Glasgow, Scotland. *Chem. of Iron and Steel.*
Foster, Michael, M.D., Prelector of Physiol., Trinity College, Cambridge.
Fotherby, Henry, 3 Finsbury Sq., London, E.C.
Fothergill, Capt. C. W., Royal Military College, Sandhurst.
Foulerton, John, M.D., F.G.S. Sec. Geologists' Assoc., 44 Pembridge Villas, Bayswater, London, W.*
Fowler, George, Bashford Hall, near Nottingham.
Fowler, G. Herbert, St. Anne's Lodge, Lincoln. *Palæo., Geol.* C. Ex.*
Fowler, Rev. G. T., M.A., F.S.A., Durham. *Arch.*
Fowler, John, 2 Queen Sq. Pl., Westminster, S.W.
Fowler, Rev. J. C., B.A., North Stainly Vicarage, Ripon.
Fowler, Rev. W. W., The School-House, Lincoln. *Ent.*
Fox, Henry, Field End Lodge, Eastcote, Pinner.
Fox, Rev. Henry E., M.A., 30 Warwick Sq., London, S.W. *Orn.*
Fox, St. George Lane, Garden Mansions, Westminster, London, S.W. *Phys., Chem., Elect.**
Fox, Wilson, M.D., 67 Grosvenor St., London, W.
Frail, Prof., University, Aberdeen, Scotland. *Bot.*
Francis, William, Ph.D., Red Lion Court, Fleet St., London, E.C.
François de Chaumont, F.S.B., M.D., F.R.S., Army Medical School, Netley, Southampton.*

Frankland, Edward, D.C.L., F.R.S., Ph.D., Prof. Chem., Science School, S. Kensington Museum, London, W. *Chem.*
Franklin, Ed., 22 Richmond Grove, Barnsbury, London, N. *Ent.*
Franks, A. W., Keeper of Antiquities at the British Museum, 103 Victoria St., London, S.W.
Franks, W. S., F.R.A.S., 1 High St., Leicester. *Ast.: Double Stars.**
Fraser, A., M.B., F.R.C.S., Owens Coll., Manchester. *Emb. of Vert.*
Fraser, Jno. H., Allaby House, Upper Clapton. *Mic.*
Fraser, Dr. J., Wolverhampton. *Bot.*
Fraser, T. R., M.D., 37 Melville St., Edinburgh, Scotland.
Fream, William, B.Sc., F.L.S., F.G.S., Prof. Nat. Hist., Coll. of Agric., Downton, Salisbury.*
Frecheville, William, 97 Mount St., Berkeley Sq., London, W.
Freeland, Humphrey William, Athenæum Club, Pall Mall, London, S.W.
Freeman, J., 10 Brownlon St., Dalston, London, N. *Ent.*
Frere, George Edward, Roydon Hall, Diss, Norfolk.
Frere, Rt. Hon. Sir Henry B. E., Athenæum Club, London.
Friswell, R. J., 10 Clapham Sq., London, E. *Min.*
Frost, Alfred James, Electrician, Librarian Soc. of Telegraph Engineers, 6 Westminster Chambers, Victoria St., London. *Phys., Elect., Mic., Bibliog.**
Fry, Alexander, Thornhill House, Dulwich Wood Park, Norwood, London, S.E. *Ent.*
Fry, C. E., The Little Elms, Watford. *Ent.: Lepid.* C. Ex. only in British spec. except the sphinges.*
Fryer, Herbert F., Chatteris, Cambridgeshire. *Ent.*
Gain, William Albert, Tuxford, Newark. *Moll.* C. Ex.*
Gale, James, M.A., Ph.D., F.G.S., etc., 18 Lockyer St., Plymouth, Devon. *Consulting Elect.* C.*
Galloway, T. Lindsay, M.A., Laurel Bank, Oakshawhill, Paisley.
Galloway, William, M.E., Cardiff, So. Wales. *Geol., Elect., Meteo.**
Galton, Capt. Douglas, 12 Chester St, Grosvenor Pl., London, S.W.*
Galton, Francis, F.R.S., Athenæum Club, 42 Rutland Gate, Knightsbridge, London, S.W.
Gamgee, Arthur, M.D., Prof. of Practical Physiol. and Histol., Owens' College, Manchester, Fairview, Princes Road, Fallowfield, Manchester.
Gardiner, Henry J., F.G.S., F.R.G.S., Hurstmeade, Eltham. *Geol.**
Gardner, John Starkie, Park House, St. John's Wood Park, London, N. W. *Fossil Bot., Tertiary and Cretaceous Geol.**
Gardner, Willoughby C., 18 Exchange Buildings, Liverpool. *Ferns, Palæo., Geol., Arch., Orn., Ool., Ent.: Lepid. Coleopt.* C. Ex.*
Garland, Joseph, Assheton Mines, Abersoch, Pwllheli, Wales.
Garlick, Edward, Preston, Lancashire.
Garnar, J. H., Blenheim Terrace, Leicester. *Mic.*
Garneys, W., Repton, Burton-on-Trent. *Ent.*
Gascoyne, Rowland, Mining Engineer, Mexborough, Rotherham. *Geol., Min., Gen. Biol.* C. Ex.*
Gaskell, Francis, B.A., Southgate, London, N.**
Gaskill, Roger, B.A., North Hill, Highgate, London, W. *Geol.*
Gaskin, D. M. F., Town Hall, St. Helen's, Lancashire.
Gaskin, Rev. Thomas, M.A., 7 Pitville Lawn, Cheltenham.
Gasking, Rev. Samuel, 10 Cheetham Hill Road, Stalybridge.
Gasquet, Dr. J., 127 Easton Road, Brighton.
Gatcombe, John, Durnford St., Stonehouse, Plymouth. *Orn.*
Gates, H. Sebastian B., Ord. Prœd., St. Dominic's Priory, Maitland Park, Haverstock Hill, London, N.W. *Coleopt., Collection of Curculionidæ.**

Gates, William, Taxidermist, Sec. Haggerstone Ent. Soc., 4 Baynes Court, Clerkenwell, London. *Orn., Tax., Lepid.* C. Ex.
Gatty, Charles Henry, Felbridge Park, East Grinstead, Sussex.
Gavey, George Edward, care of Mrs. Gavey, 17 Louvaine Road, New Wandsworth, London, S.W.
Gayner, Charles, M.A., M.D., 5 King Edward St., Oxford.
Geddes, Patrick, F.R.S.E., Univ., Edinburgh, Scotland. *Biol.*
Gedney, William, Bromley, Kent. *Lepid.*
Gee, Rev. C., D.D., The Vicarage, Windsor. *Naturalist.*
Geikie, Archibald, LL.D., F.R.S., L. and E., lately Prof. of Geol. and Min. in Univ. of Edinburgh, Dir. General of the Geol. Surv. of Great Britain and Ireland, 28 Jermyn St., London.*
Geikie, James, LL.D., F.R.S., L. and E., Prof. of Geol. and Min. in Univ. of Edinburgh, 10 Bright's Crescent, Edinburgh, Scotland.*
George, Thomas J., Keyston, Thrapston.
Gervis, Walter Soper, M.D., F.G.S., West St., Ashburton, Devon.*
Gibbes, C. Chapman, M.D., 3 Wyburn Villas, Surbiton, Kingston, Surrey.
Gibbons, Lieut. J. S., M.D., Southampton. *Con.*
Gibbons, R. T., Ceciltyne, Cavendish Road, Brondesbury, Kilburn, London, N.W. *Lepid.*
Gibbs, Arthur E., Cumberland Road, St. Alban's. *Bot.*
Gibson, Ernest, F.Z.S., M.B.O.U., 17 Mayfield Gardens, Edinburgh, Scotland. *Orn.**
Gibson, George Alexander, M.D., D.Sc., F.R.S.E., F.R.C.P. (Edin.), F.G.S. (Lond.), 1 Randolph Cliff, Edinburgh, Scotland.*
Gibson, Thomas Field Broadwater Down, Tunbridge Wells.
Gibson, W. G., Dumfries, Scotland. *Antiquities.*
Gilbert, Joseph Henry, Harpenden, St. Alban's.
Gilbertson, Henry, Mangrove House, Hertford. *Mic.*
Gilchrist, Dr. James, Dumfries, Scotland. *Geol.*
Giles, J. J., 44 Guildhall St., Folkestone. *Lepid.*
Gill, I. H. E., Nunclose, Oxton, Birkenhead.
Gill, Wm. Hodgson, Park Cottage, Thwaite Gate, Hunslet, Yorkshire. *Geol.**
Gillespie, Franklin, M.D., care of General Freeth, 30 Royal Crescent, Notting Hill, London, W.
Gillett, Alfred, Somerset. *Geol.*
Gillman, Fritz, care of T. Sopwith, 6 Great George St., London, S.W.
Gilmore, Peter, 24 Chapel St., Alston, Cumberland.
Ginsburg, Christian D., LL.D., Holmlea, Chertsey, Surrey. *Philol.**
Gittins, J., Laburnham St., Kingsland Road, London. *Lepid.*
Gladstone, J. H., Ph.D., F.R.S., 17 Pembridge Sq., Bayswater, London, W. *Chem., Phys.**
Glaisher, Jas., F.R.S., 1 Dartmouth Pl., Blackheath, S.E.
Glaisher, J. W. L., M.A., F.R.S., Sec. Trinity College, Cambridge. *Ast., Meteo., Mic.*
Gledhill, Joseph. F.R.A.S., F.G.S., F.M.S., Bermerside Observatory, Skircoat, Halifax, Yorkshire. *Ast.*
Glen, D. Corse, F.G.S., 14 Annfield Pl., Glasgow, Scotland, *Min., Petrology.* C. Ex. rare and fine minerals, ores, rocks, and recent shells.
Glover, G. T., Richardson Bros. & Co., Belfast, Ireland. *Chem.**
Gloyne, C. P., Sparholt Road, Stroud Green Road, London. *Con.*
Goadby, Rev. J. Jackson, The Manse, Henley-on-Thames.
Godfrey, Rev. N. S., F.R.S., St. Bartholomew Vic., Southsea, Hants. *Ast.*
Godman, Frederick Du Cane, 6 Tenterden St., Hanover Sq., London, W.

Godman, Percy S., B.A., Muntham, Horsham. *Orn.*
Godson, George R., 8 Albert Mansions, Victoria St., London, S.W.
Godwin-Austen, Lieut.-Colonel H. H., F.R.S., F.G.S., F.Z.S., F.R.G.S., Deepdale, Reigate, Surrey. *Invert. Palæo., Geol., Zool., Gen. Biol., Geog. Dist., Emb., Anat., Orn., Land Moll. in spirit, esp. Slugs.**
Godwin-Austen, Robert Alfred C., Shalford House, Guildford.
Godwin, George, 6 Cromwell Pl., South Kensington, S.W.
Goldsmith, W. B., F.R.A.S., Royal Yacht "Elfin," Portsmouth.
Goldthwait, Oliver C., Hon. Sec., Walthamstow Nat. Hist. and Mic. Soc., Church End, Walthamstow, N.E. *Lepid.* C. Ex.*
Golding-Bird, Miss, Swiss Cottage, Lyndhurst. *Lepid.*
Gonzalez y Orbegoso, C. A., Lima, Peru, care of Messrs. A. Gibbs & Co., Bishopsgate St. within, London, E.C.
Gooch, W. D., C.E., The College, Richmond Hill. *Ent., Anth.*
Goodacre, F. B., M.D., F.Z.S., Wilby Rectory, Attleboro, Norfolk. *Zool.* C. Ex.
Goodenough, Lieut.-Colonel William Howley, R.A., 49 Weymouth St., Portland Pl., London, W.
Goodman, C. H., Kearsbrook Lodge, Lesness Heath, Kent. *Ent.*
Goodman, John, M.D., 8 Leicester St., Southport. *Elect., Phys.*
Gordon, Rev. C. R., D.D., M.A. Chetwynd Park, Newport, Shropshire.
Gordon, Douglas, G. H., F.G.S., Society for Promoting Christian Knowledge, Northumberland Av., Charing Cross, London, S.W.*
Gordon, George, L.L.D., The Manse, Birnie, Elgin, N.B.
Gordon, John W., A.I.A., 28 Penbury Grove, Lower Clapton, London. *Phys.**
Gore, George, LL.D., F.R.S., Inst. Scientific Research, 67 Broad St., Birmingham. *Chem., Phys., Electro-Met.**
Gore, John E., C.E., F.R.A.S., M.R.I.A., Assc. M.I.C.E., F.R.G.S.I., Belt[illegible], Ballisodare, Co. Sligo, Ireland. *Ast., Variable Stars.**
Gore, Richard Thomas, 6 Queen's Sq., Bath. *Anth.*
Gorham, Rev. Henry S., Shipley, Sussex. *Ent.*
Goschen, Right Hon. George Joachim, M.A., 69 Portland Pl., London, W.
Goss, Herbert, F.L.S., The Avenue, Surbiton Hill, Kingston, Surrey. *Ent., Bot.**
Gosse, Philip Henry, F.R.S., V.-P., V.I., M.E.S., Sandhurst, Torquay. *Invert., Lepid., Rotifera.* C. Ex.*
Gostenhofer, C. T., Beresford Road, Birkenhead.
Gotto, F., The Terrace, Leighton Buzzard. *Geol.**
Gough, T., B.A., Elmfield College, York. *Bot.*
Gough, Viscount, F.L.S., Lough Cutra Castle, Gort, Galway, Ireland.
Gover, Rev. Canon, M.A., Saltleystead, Findon, Worthing.
Grace, Miss, New Ross, Ireland. *Bot.*
Graham, Charles, D.Sc., University College, Gower St., London, W.C.
Graham, N. C., Silwood, Tulse Hill, London, S.W. *Lepid.*
Grainger, Rev. Canon, D.D., Broughsham. *Nat. Hist., Antiquities.*
Grant, Dr. James, Wick, Scotland. *Bot.*
Grant, Robert, M.A., LL.D., Regius Prof. Ast., Univ. of Glasgow, Observatory, Glasgow, Scotland.
Grantham, Richard B., 22 Whitehall Pl., London, S.W.
Granville, George Leveson-Gower, Earl, Stone Park, Staffordshire.
Granville, J. Mortimer, M.D., F.G.S., F.S.S., F.Z.S., 18 Welbeck St., Cavendish Sq., London, W. *Psychol., Physiol., Neurology, Comp. Anat. and Physiol. of Nerves, Geol., Chem., Mic., Gen. Biol., Anth., Philol., Myrol., Infusoria.**
Graves, Rev. James B. A., Inisnay Rectory, Stonyford, Co. Kilkenny, Ireland. *History and Antiq. of Ireland.**

Gray, Robert, 13 Inverleith Row, Edinburgh, Scotland. *Orn.*
Gray, T. P., F.R.A.S., The Lodge, Clapham Road, Bedford. *Ast.*
Gray, William, Belfast, Ireland *Geol*, *Arch.*
Greaves, Charles, 19 Surrey St., Strand, London, W.C.
Greaves, Rev. Richard Wilson, M.A., 1 Whitehall Gardens, London, S.W.
Green, A. H., M.A., Prof. Geology, Yorkshire Coll. of Sci., 15 Ashwood Villas, Headingley Lane, Leeds.
Green, J. T., Rumford Pl., Liverpool. *Hymenop.*
Green, N. E., F.R.A.S., 39 Circus Road, St. John's Wood, N.W. *Ast.*
Green, W. Abbott, M.R.C.P., Capel Lodge, Capel, Dorking.
Green, W. E., 24 Triangle, Bristol. *Bot.: Mycology.*
Greene, Rev. J., M.A., Rostrevor, Apsley Road, Clifton, Bristol. *Ent.*
Greenfield, Prof. W. Smith, University, Edinburgh, Scotland. *Pathol.*
Greenhow, E. H., M.D., 14 Manchester Sq., London, W.
Greening, Noah, Warrington. *Lepid.*
Greenwell, George C., Tynemouth, Northumberland.
Greenwell, Rev. William, M.A., D.C.L., F.R.S., F.S.A., Durham. *Anth., Ethnology, Prehistoric Arch.**
Greg, R. P., F.G.S., F.S.A., etc., Coles, Buntingford, Herts. *Min., Arch., Meteoric Ast., Oriental antiquities.* C. Ex. Prehistoric specimens.*
Gregory, James R., 88 Charlotte St., Fitzroy Sq., London, W. *Geol.*
Gregory, Right Hon. Sir Wm. H., 3 St. George's Pl., London, S.W.
Gregory, T. Currie, 52 Queen Victoria St., London, E.C. *Engineering, Geol.* C.
Gregson, C. S., Rosebank, Fletcher Grove, Stanley, near Liverpool. *British Lepid., Lycænidæ of the world.*
Grenfell, Rev. A. S., M.A., Mostyn House, Packgate, Chester.
Grenfell, J. G., B.A., F.G.S., Clifton College, 1 Cecil Road, Clifton, Bristol. *Geol., Chem.* C. Ex carb. corals for carb. or other Encrinites.
Gresley, William S., M.E., Overseal, Ashby-de-la-Zouch. *Geol. as appl. to Mining and Engineering.* C. Ex. coal-measure fossils, etc.
Grey, Henry, Bengal Staff Corps, care of Messrs. Grindlay & Co., London. *Orn.*
Grierson, Thomas B., Museum, Thornhill, Dumfriesshire, Scotland. *Physiol., Nat. Hist.* C. Ex.*
Griess, J. P., Burton-on-Trent.
Grieve, G. J. P., Kirkbank, Burntisland, Scotland. *Min.*
Grieve, David, Hobart House, Eskbank, Dalkeith, Scotland.
Griffin, R. W., LL.D., 63 Lower Bagot St., Dublin, Ireland. *Math.*
Griffith, Rev. Henry, Treliwyd House, Barnet, Herts.
Griffith, N. R., Wrexham, Wales.
Griffiths, Ernest Howard, M.A., 12 Park Side, Cambridge.
Grime, 112 Waterloo St., Bolton le Moors, Lancashire. *Ent.* C. Ex.*
Grimshaw, William James, 1 Caerleon Villas, Prestwich, Manchester.
Grindrod, Ralph Barnes, M.D., LL.D., F.L.S., Townsend House, Great Malvern.
Gross, W. J., Waterside, Ely, Cambridgeshire. *Bot.* Ex.*
Grossart, Dr. William, Salsburgh, Holytown, Scotland. *Geol., Arch., Bot.*
Grote, Arthur, F.L.S., 20 Cork St., Burlington Gardens, London, W.
Grove, William B., B.A., 269 St. Vincent St., Birmingham. *Fungi.* C. Ex.*
Grove, Hon. Sir William Robert, M.A., LL.D., 115 Harley St., London, W.

Grover, Ch., 188 Wellington Buildings, Commercial Road, Pimlico, London, S.W. *Ast.*
Groves, T. B., F.C.S., St. Mary St., Weymouth, Dorset. *Chem.*
Grubb, Howard, M.I.C.E.I., Hon. Master Engineering, Univ., Dublin, 17 Leinster Sq., Rathmines, Dublin, Ireland. *Ast.*
Grundy, C. C., Bankfield, near Bury, Lancashire.
Grut, F., 9 King St., Southwark, London, S.E. *Ent.*
Guest, Rev. William, F.G.S., Ling Holme, Tunbridge Wells. *Palæo., Geol., Ast., Bibliography, Anth., Arch.**
Guise, Sir William Vernon, Bart., F.L.S., Elmore Court, near Gloucester.
Gull, Sir Wm. W., M.D., 74 Brook St., London, W. *Mic.*
Gulliver, George, 27 Old Dover Road, Canterbury.
Gullon, Rev. J. T. Campbell, Cashiobury Lodge, Reading.
Gunn, John, M.A., 25 Prince of Wales Road, Norwich. *Geol.*
Gunn, William, Geological Survey of England, Museum, Jermyn St., London, S.W.
Günther, Albert C., L.G., A.M., M.D., Ph.D., Cur. Zool. Dept., British Museum, London, W.C. *Orn.*
Gurney, Rev. Henry P., M.A., 10 Clydesdale Road, Colville Sq., London, W. *Gen. Zool.: Reptiles, Fishes.*
Gurney, John H., Northrepps, Norwich. *Orn.* C. Ex.*
Gurney, John H., Jr., Northrepps, Norwich. *Orn.* C. Ex.
Guthrie, Alfred Tollbank, Dundee, Scotland. *Nat. Hist., Geol., Bot.*
Guthrie, Frederick, Ph.D., F.R.S., F.R.S.E., F.G.S., Prof. Phys., Normal School of Science and Royal School of Mines, Science and Art Dept., South Kensington, London, S.W.*
Guy, William A., 12 Gordon St., Gordon Sq., London, W.C.
Gwilliam, G. T., F.R.A.S., 35 Lansdowne Crescent, Bayswater, W. *Ast.*
Haddon, Alfred C., M.A., F.Z.S., Prof. Zool., Senior Asst. Naturalist, Nat. Hist. Mus., Royal Coll. of Science, Stephens Green, Dublin, Ireland. *Palæo., Zool., Gen. Biol., Geog. Dist., Emb., Anat., Anth., Arch.* C. Ex.*
Hadkinson, John, 18 Brunswick St., Liverpool.
Haensler, Rudolph, Ph.D., Western College, Harrogate.
Haines, John, Vernon Lodge, Addison Road, Kensington, W.
Haines, J. Richard, Adderley Green Collieries, Stoke-on-Trent.
Hainselin, Henry F., 9 Radnor Pl., Plymouth. *Lepid.* C. Ex.
Hake, H. Wilson, Ph.D., Queenwood College, near Stockbridge, Hants. *Chem.*
Hale, C., Nassau School, Barnes, Surrey. *Lepid.*
Hale, Rev. E., M.A., Eton College, Windsor.
Hale, John, 12 Albert Mansions, Victoria St., London. *Palæo., Geol., Elect., Photog., Anth., Arch.* C. Ex.*
Hale, Robert Blagden, 10 Bolton St., Piccadilly, London, W.
Halked, W. B., Elmhurst, Aigburth, Liverpool. *Bot., Hort.*
Hall, George Berringer, F.C.S., 134 London Wall, London, E.C. *Geol., Palæo.* C.
Hall, Hugh Fergie, 17 Dale St., Liverpool.
Hall, John, M.D., Brown St., Leigh, Lancashire. *Hygiene, Mic.*
Hall, Capt. Marshall, F.C.S., 13 Old Sq., Lincoln's Inn, London, W.C.
Hall, Townshend M., Pilton, Barnstaple, Devon. *Geol. of Devon. Series, and Brit. Min.* C. Ex. Upper Devon. fossils for any Devon. of U.S. or Canada.
Hallett, Major F. F, The Manor House, Kemp Town, Brighton.
Hallett, W. H., Buckingham House, Marine Parade, Brighton.

Halliwell-Phillipps, James O., 11 Tregunter Road, South Kensington, S.W., and Hollingburg Copse, Brighton.*
Hamand, Arthur S., Palace Chambers, Bridge St., Westminster, S.W.*
Hambly, Charles Hambly Burbidge, F.C.S., Barrow-on-Soar, Loughborough.
Hamilton, Archibald, South Barrow, Bromley, Kent.
Hamilton, Charles, care of F. G. H. Price, Messrs. Child & Co., Bankers, Fleet St., London.
Hamilton, Charles William, M.R.I.A., 1 Denmark St., Dublin, Ireland.
Hamilton, John J., South Barrow, Bickley, Kent. *Mic.*
Hammond, Chas. William, M.D., 12 Lower Brook St., Ipswich, Suffolk. *Medicine.*
Hanbury, F. J., 11 Warwick Road, Upper Clapton.
Hanbury, Thomas, Ashburton House, Addiscombe, Croydon.
Hance, H. F., Ph.D., care of F. Thimm, 24 Brook St., London, W.
Hancock, J., Oatland, Walton-on-Thames. *Orn.*
Handford, George C., 224 King's Road, Chelsea, London, S.W. *Mic.*
Hankey, John Alexander, F.L.S., Balcombe Pl., Cuckfield.
Hanley, Sylvanus, Hanley Road, 27 Hornsey Rise, London. *Con.**
Hannah, Robert, Craven House, Church St., Fulham Road, London, S. W. Largest collection of shells in England. Ex. books and good spec.; offers European for Marine Amel. or exotic.*
Hannay, J. B., Woodbourne House, Helensburgh, London. *Min.*
Harcourt, Augustus George Vernon, Cowley Grange, Oxford.
Harcourt, Edward William, M.P., Nuneham Park, Oxfordshire, 6 Princes Gardens, London. *Hort., Agric., Geol., Orn., Ool., Osteol.**
Harcourt, Egerton V., Vernon, Whitwell Hall, Yorkshire.
Harding, Geo., Pendenny House, Downend, near Bristol. *Ent.*
Hardingham, George G., 33 St. George's Sq., London, S.W. *Mic.*
Hardmann, Edward T., F.C.S., Geol. Survey of Ireland, Lynn's Pl., Sligo, Ireland. *Geol., Min., Chem.*
Hardwick, P. C., F.S.A., 2 Hereford Gardens, Park Lane, London, W.
Hardy, Mitchell C., 6 The Terrace, Farquhar Road, Upper Norwood, London, S.E. *Mic.*
Harford, J. U., Upper Nascot, Watford, *Min.*
Hargitt, E., 1 Bedford Road, Bedford Park, Chiswick. *Orn.*
Hargreaves, Jas., F.C.S., Widnes, Lancashire. *Chem., Met.**
Hargreaves, John, Widnes, Lancashire. *Chem., Met.**
Harker, Allen, Prof. Roy. Agric. Coll., Cirencester. *Biol., Vermes.**
Harkness, William, F.I.C., F.C.S., F.R.M.S., Laboratory, Somerset House, London. *Mosses, Chem., Mic.* C. Ex.*
Harland, Rev. A. A., M.A., Harefield Vicarage, Uxbridge. *Nat. Hist.* C.
Harley, George, M.D., 25 Harley St., London, W.
Harley, Rev. Robert, Burton Bank, Mill Hill, London, W.
Harmer, F. W., Oakland House, Cringleford, Norwich, W.
Harper, Alfred, 66 Mansfield St., Kingsland Road, London. *Lepid.*
Harper, Alfred, Jr., 66 Mansfield St., Kingsland Road, London. *Lepid.*
Harper, P. H., 30 Cambridge St., Hyde Park Sq., London, W. *Ent.*
Harper, William, 66 Mansfield St., Kingsland Road, London. *Lepid.*
Harraden, Samuel, 32 St. John's Wood Park, London, N.W.
Harris Ed., Anns Pl., Pritchards Road, Hackney Road, London. *Lepid.*
Harris, Edward, F.L.S., Rydal Villa, Longton Grove, Sydenham, London, S.E. *Mic*
Harris, Francis, M.D., St. Bartholomew's Hospital, 24 Cavendish Sq., London, W.
Harris, John T., Newton Road, Burton-on-Trent. *Ent.*

Harris, William Hetherington, B.A., B.Sc., Lond., Clewer House, Windsor.
Harrison, Edward, Upper Nascot, Watford. *Met.*
Harrison, J., 7 Victoria Bridge, Barnsley. *Lepid.*
Harrison, J. Park, M.A., Alexandra House, Sheerness.
Harrison, John Thornhill, Local Government Board, Whitehall, London, S.W.
Harrison, R. H., Highfields, Great Amwell, Ware. *Electricity.*
Harrowby, Dudley Ryder, Earl of, 39 Grosvenor Sq., London, W.
Hart, Thomas H., Kingsnorth, Ashford, Kent. *Lepid., Coleopt.*
Harting, James E., 22 Regent's Park Road, Gloucester Gate, N.W. *Orn.*
Hartley, W. N., F.I.C., College of Science, Dublin, Ireland. *Chem.*
Hartog, Marcus M., D.Sc., M.A., Owens College, Manchester. *Bot., Sapotaceæ, Entomostraca.* C. Will purchase spec.*
Hartnup, John, Liverpool Obs., Bidston, Birkenhead. *Ast.*
Hartree, William, Carlton Villas, Blackheath Park, London, S.E. *Mic.*
Hartshorne, Betram F., M.A., 11 Neville Terrace, Onslow Gardens, London, S.W. *Anth.*
Harvie-Brown, J. A., F.R.S.E., F.Z.S., Mem. B.O.U., Dunipace House, Larbert, Stirlingshire, Scotland. *Orn., Migration of Birds.* C.*
Harvey, Rev. C. W., Throcking Rectory, Buntingford. *Met.*
Harvey, Enoch, 12 Riverdale, Liverpool. *Bot., Hort.* C. Ex. Orchids, Alpine, Herbaceous, and bulbous plants.
Harvey, Reuben T., M.D., Carmichael Coll., Dublin, Ireland. *Physiol.*
Harwood, W. H., 8 West Stockwell St., Colchester. *Lepid.*
Hatton, Frank, Royal Coll. of Chem., London, S.W. *Chem.*
Haughton, Rev. Samuel, M.A., M.D., Prof. Geol., Trinity College, Dublin, Ireland.
Hawes, William, 17 Montague Pl., Russell Sq., London, W.C.
Hawker, E. W., LL.B., B.A., care of A. Scott, Esq., 6½ Austin Friars, London, E.C.
Hawkes, Rev. Henry, B.A., Marstin Lodge, Elm Grove, Southsea, Portsmouth.
Hawkins, Bissett, M.D., 146 Harley St., London, W.
Hawkins, B. Waterhouse, care of Prof. J. Tennant, 149 Strand, London, W.C.
Hawkins, C. H., 26 Grosvenor St., London, W.
Hawkins, Rev. Herbert S., M.A., Beyton Rectory, Suffolk. *Orn.*
Hawkins, Rev. William B. L., M.A., 33 Bryanston Sq., London, W.
Hawkshaw, Sir John, F.R.S., 33 Great George St., London, S.W.
Hawkshaw, John Clarke, M.A., 25 Cornwall Gardens, South Kensington, S.W.
Hawksley, Charles, 22 Queensborough Terrace, Bayswater, London, W.
Hawksley, Thomas, F.R.S., M. Inst. C.E., 30 Great George St., London, S.W.
Hawley, J. P., Forest View, West Willow, Wilts. *Agric., Geol., Min.* C.*
Hay, Col. Dummond, Seggieden, Perth, Scotland. *Orn., Bot.*
Hay, Sir John C. D., 108 St. George's Sq., London, S.W.
Haydon, Walton, Bethlehem Hospital, London. *Eth., Ent., Diurnal Lepid, Bot., Fallen Lore of American Indians.**
Hayter, Harrison, 33 Great George St., London, S.W.
Hayward, L. R., Devonshire Road, Forest Hill, London, S.E. *Lepid.*
Hayward, Robert B., M.A., The Park, Harrow.
Head, J. W., F.G.S., 114 Clapham Park Road, Clapham, London, S.W. C.*
Heaphy, Thomas M., C.E., 4 Radnor Pl., Hyde Park, London, W.

Heard, H. C., Hailey Hall, Hertford. *Orn.*
Hearder, G. A., M.D., Job's Well, Carmarthen, Wales. *Ent.*
Hearder, Henry P., M.P.S., Local Sec. Pharmaceutical Soc., Plymouth, Devon. *Chem., Elect.**
Hearder, Wm. S., D.Sc., F.L.S., F.S.A., 195 Union St., Plymouth. *Elect., Mammals, Ichth., Tax., Lepid., Crustacea, Mollusks, Sponges.* C. Ex. rare fish, crustacea.*
Heath, Mrs., 62 Elgin Crescent, Notting Hill, W. *Geol.*
Heathfield, W. E., 20 King St., St. James, London. *Chem.*
Heaton, C. W., Charing Cross Hospital, London, W.C.
Hebert, E. J., M.A., Geol. Surv. of England, Museum, Jermyn St., London, S.W.
Heddle, Pres. Min. Soc. Gt. Britain, Prof. St. Andrew's Univ., Scotland. *Chem., Geol.* C.*
Hedworth, Thomas H., Dunston, Gateshead-on-Tyne. *Ool., Moll.* C. Ex.*
Heighton, H. J., Lumb Lane, Westgate, Bradford, Yorkshire.
Hele, J. C., Knowles, Newton-Abbott. *Orn.*
Hellier, Baily, Dublin, Ireland. *Palæo.*
Helm, H. J., F.C.S., F.I.C., Laboratory, Somerset House, London, W.C. *Chem.*
Henck, J. B., Jr., 31 Hildrop Road, London, N. *Phys.*
Henderson, Andrew, 24 Hamilton Terrace, St. John's Wood, London, N.W.
Henderson, F. B., C.E., 24 St. Peter's Sq., Hammersmith, London, W.
Henderson, Major F., H.M. 107 Regt., Chichester.
Henderson, George, M.D., care H. S. King & Co., 45 Pall Mall, London, S.W.
Henderson, J., 150 Graham Road, Dalston, London, N. *Lepid.*
Hennessy, Henry G., Prof. Applied Math. and Mechanics, Royal College of Science for Ireland, Idrone Terrace, Blackrock, Co. Dublin, Ireland.
Henrici, Olaus, Meldorf Cottage, Kemplay Road, Hampstead, London, N.W.*
Henriques, A. G., 96 Gloucester Terrace, Hyde Park, London, W.
Henry, George, M.E.S., 38 Wellington Sq., Hastings, Sussex. *Ent.: British Coleoptera, Hemipt., Homoptera, Hereroptera.* C. Ex. British Insects and foreign types of rare "British" preferred.
Henry, W. C., M.D., Haffield, near Ledbury, Herefordshire.
Henslow, Rev. George, M.A., F.L.S., Prof. Bot., Queen's College, and Lecturer on Bot. at St. Bartholomew's Medical School, London, Dayton House, Ealing. *Bot., Geol., Min., Physiol.* C.*
Herapath, Spencer, 18 Upper Phillimore Gardens, London, W.
Herbert, W. H., Havenfield Lodge, Great Missenden, Bucks.
Herdman, W. A., Prof. Nat. Hist. in University Coll., Liverpool.
Heron, William, C.E., Collooney, Co. Sligo, Ireland. *Bot.*
Herschel, Prof. Alexander Stewart, A.M., Prof. Phys. Coll. Sci., Newcastle-on-Tyne. *Ast.**
Herschel, Major John, Roy. Eng., F.R.S. *Ferns, Ast., Geodesy, Bibliog.**
Hervey, The Rev. Lord Charles A., M.A., Vicarage, Great Chesterford, Saffron Walden, Essex.
Hete, John Carroll, The Knowle, Newton-Abbott, S. Devon. *Orn.* C.
Hewett, P. G., 1 Chesterfield St., Mayfair, London, W.
Hewlett, Alfred, Haseley Manor, Warwick.
Heywood, Henry R., 24 Geach St., Birmingham. *Tax., Lepid.* C. Ex. Brit. Lepid. for cocoons of Lepid. of U. S., and showy common beetles.
Heywood, James, M.A., F.R.S., F.S.A., 26 Kensington Palace Gardens, London, W.

Hich, Rev. J. M., Kinloch Kannoch, Perthshire, Scotland. *Lepid.*
Hichens, Lieut.-Col. William, Royal Engineers, 27 Chester St., Grosvenor Pl., London, S.W.
Hick, Thomas, B.A., B.Sc., 2 George St., Harrogate. *Bot., Biol., Plant Palæo.**
Hicks, John B., M.D., F.R.S., 24 George St., Hanover Sq., London, W.
Hicks, Dr. J. Sibley, 2 Erskine St., Liverpool. *Marine Zoophytes.*
Hicks, Henry, M.D., Heriot House, Hendon, London, N.W. *Geol.*
Hiern, W. P., M.A., F.L.S., Castle House, Barnstaple. *Bot., Math.**
Higgins, E. T., M.R.C.S., 24 Bloomsbury St., London, W.C. *Ent.*
Higgins, Rev. H. H., Free Public Museum, Liverpool. *Invert. Zool., Bot.*
Higgin, Thomas, F.L.S., Tower Buildings, Liverpool. *Photog., Invert. Zool., Sponges, Protozoa, Infusoria.**
Higson, John, Crown Buildings, Booth St., Manchester.
Hill, Rev. Edward, M.A., Sheering Rectory, Harlow, Essex. *Geol.*
Hill, Rev. Edwin, M.A., St. John's College, Cambridge. *Geol., Phys., Meteo.**
Hill, Joseph, Hull and Beverley. *Meteo.*
Hillhouse, W., B.A., F.L.S., Prof. of Bot., Mason Science College, Birmingham.*
Hillier, Rev. John, M.A., Ph.D., Sandwich, Kent.
Hillman, Henry, 456 King's Road, Chelsea, London. *Ferns, Hort., Plant Palæo., Geol., Zool., Geog. Dist., Anat., Orn., Ool., Osteol., Lepid., Coleopt.* C.*
Hillman, Thomas S., Eastgate St., Lewes. *Ent.*
Hills, T. H., 45 Queen Anne St., Cavendish Sq., London, W.
Hilton, T. W., Haigh, near Wigan.
Hime, Thomas W., M.D., Medical Officer of Health, Sheffield. *Biol.*
Hinchcliff, Miss, Worlington House, Instow, N. Devon. *Lepid.*
Hinchcliffe, C., 10 China St., Liverpool. *Lepid.*
Hind, John R., F.R.S., Sup't Nautical Almanac, 3 Cambridge Park Gardens, Twickenham. *Ast.*
Hinde, George J., Ph.D., F.G.S., London. *Geol., Palæo.* C.
Hinde, George J., Ph.D., F.G.S., Mitcham, Surrey, *Invert. Palæo., Geol., Zool., Sponges.* C.*
Hincks, Rev. Thomas, Stancliffe House, Clevedon, Somerset.
Hind, John Russell, Cambridge Park Gardens, Twickenham.
Hinde, C. M., Holly Bank Road, Clifton Park, Birkenhead, Liverpool. *Lepid.*
Hippisley, John, Athenæum Club, London, S.W.
Hirst, T. A., Vice-President Royal Soc., Royal Naval College, Greenwich, London, S.E.
Hobkirk, Chas. C. P., F.L.S., Huddersfield. *Bot.: Cryptogams, Musci.* C. Ex.*
Hodge, Harold, Pembroke Coll., Oxford, and 33 Almorah Road, Canonbury, London, N. *Ent., Lepid.* C. Ex.*
Hodge, William, Camborne. *Min.*
Hodges, John F., M.D., Prof. Agric. and Med. Jurisprudence, Queen's Coll., Belfast, Ireland. *Agric., Chem.**
Hodgkinson, J. B., 15 Spring Bank, Preston. *Micro-lepid.*
Hodgson, Alfred E., B.A., Cor. Mem. of the South London Ent. Soc., B. Lane End, Coleford, Gloucestershire. *Bot., Ent.: Lepid., Coleopt.* C. Ex.*
Hodgson, Rev. John, M.A., F.G.S., F.S.A., Kinver Vicarage, Stourbridge. *Geol.**
Hogg, Robert, LL.D., 99 St. George's Road, Pimlico, London, S.W.
Holden, J. Sinclair, M.D., Sudbury, Suffolk. *Geol., Prehistoric Arch.*

Holland, Rev. B., Stanwick, Higham Ferrers, Northamptonshire. *Lepid.*
Hollingworth, George Henry, Hollinwood, Oldham.
Holt, Henry P., 15 Park Row, Leeds.
Holton, Edward, 3 Lansdowne Villas, Nightingale Road, Wood Green, Middlesex. *Ool., Ent.: Lepid., Dipt., Coleopt., Neuropt.* C.
Holmes, E. W., F.L.S., 30 Arthur Road, Holloway, London. *Mosses, Hepaticæ, Lichens.*
Holmes, John, Laboratory, Somerset House, London. W.C. *Chem.*
Holmes, Thomas Vincent, 28 Croom's Hill, Greenwich, London, S.E.
Home, Davis Milne, LL.D., Pres. Edinburgh Geol. Soc., Milne Garden, Chairman Scotch Meteo. Soc., Coldstream, Scotland. *Meteo., Geol., Agric.**
Homer, Charles J., Stoke-on-Trent, Staffordshire.
Hope, A. J. B., Bedgebury Park, Kent.
Hopkinson, John, F.L.S., F.G.S., F.R.M.S., F.M.S., Wansford House, Watford. *Palæo. of Invert. and Graptolitidæ, Geol., Meteo., Bibliog., Radiates.* C.*
Hopkinson, Mrs. John, Wansford House, Watford. *Phæn. Bot.: Ferns.**
Hood, Charles, F.R.S., 10 Leinster Gardens, Hyde Park, London. *Phys.*
Hooker, George, F.Z.S., Nascot House, Watford, *Orn.*
Hooker, Sir Joseph Dalton, K.C.S.I., C.B., M.D., D.C.L., LL.D., F.R.S., F.L.S., Royal Gardens, Kew.
Hoopell, Robert Eli, M.A., LL.D., Byers Green Rectory, *via* Spennymoor, *Ast., Meteo., Arch.*
Horne, G. H., Hampton Park, Hereford. *Lepid.*
Horne, John, F.R.S.E., Geological Survey of Scotland, Geological Survey Office, Sheriff Court Buildings, Edinburgh, Scotland. *Geol.**
Horne, Robert, Union Terrace, Cheetham Hill, Manchester. *Mic.*
Horne, Rev. William Strong, M.A., Barnstaple, Devon.
Horniman, F. J., Surrey House, Forest Hill, London, S.E. *Ent.*
Hornby, John, 1 Lambeth Road, London. *Chem.*
Hoskins, S. E., M.D., Guernsey, *via* London.
Houghton, F. T. S., King Edward's School, Birmingham. *Geol.*
Houghton, Richard M. Milnes, Lord, M.A., Traveller's Club, Pall Mall, London, S.W.
Houstoun, George L., Johnstone Castle, Johnstone, Renfrewshire, Scotland.
Hovenden, Charles W., 95 City Road, London, E.C. *Mic.*
Hovenden, Frederick, 93 City Road, London, E.C. *Anth., Mic.*
Howard, John Eliot, Tottenham, Middlesex.
Howard, Robert L., Mackerye, Harpenden, St. Albans. *Mic.*
Howarth, Elizah, F.R.A.S., Public Museum, Sheffield.
Howchin, Rev. Walter, 9 Frank Pl., North Shields. *Geol.*
Howe, Thomas, Normanhurst Court, Battle, Sussex. *Lepid.*
Howell, H. H., Geological Survey of England, Museum, Jermyn St., London, S.W.
Howlett, Rev. Frederick, F.R.A.S., East Tisted Rectory, Alton, Hants. *Crypt. Bot.: Ferns, Diatoms, Phys. Geol., Mic., Solar Ast.**
Howorth, H. H., Derby House, Eccles, Manchester. *Anth.*
Howse, Richard, The Museum, Newcastle-on-Tyne. *Geol.*
Hoyer, F., care of Charles Tyler, 317 Holloway Road, Holloway, London, N. *Mic.*
Hoyle, William E., M.A., M.R.C.S., Challenger Expedition Commission, 32 Queen St., Edinburgh. *Moll., Osteol.**
Hucklebridge, Henry, 116 Ebury St., London, S.W. *Bot.* Ex. flora of Home Counties for North Eng. and N.B.
Huckett, Thomas, 202 New North Road, Islington, London. *Lepid.*
Hudd, A. E., 96 Pembroke Road, Clifton, Bristol. *Ent.*

Hudleston, Wilfrid H., 23 Cheyne Walk, Chelsea, London, S.W. *Geol., Min.*
Hudson, Chas., Manila Hall, Clifton, Bristol. *Mic. Rotifera.*
Hudson, Robert, F.R.S., F.L.S., Clapham Common, London, S.W. *Mic., Bot., Zool., Palæo.*
Hügel, Baron A. von, Mem. Anth. Inst. of Gt. Br. and Ireland, 4 Earl's Terrace, Kensington, London, W. *Eth., Ethnog.* C. Ex.*
Huggins, William, LL.D., 90 Upper Tulse Hill, London, S.W. *Ast.*
Hughes, David E., 69 Pall Mall, London, S.W.
Hughes, Theodore H., Geological Survey of India, Calcutta, and St. Nicholas House, Upper Totting, London, S.W.
Hughes, Thomas McKenny, M.A., F.S.A., Woodwardian Prof. Geol., Univ. Cambridge, Trinity College, Cambridge.
Hughes, W. R., Birmingham.
Hulke, J. Whitaker, 10 Old Birmingham St., London, W.
Hull, Edward, LL.D., F.R.S., Dir. Geol. Surv. of Ireland, Prof. of Geol. in the Royal Coll. of Sci. for Ireland, 14 Hume St., Dublin, Ireland. *Laurentian rocks in Ireland.*
Humbert, Charles Francis, Watford, Herts. *Geol.*
Humbert, Sydney, Little Nascot, Watford. *Ent: Coleopt.*
Humphrey, George Murray, M.D., Prof. Anatomy, Univ. Cambridge, Grove Lodge, Cambridge.
Hunt, Arthur Roope, Southwood, Torquay, Devon. *Geol.*
Hunt, Rev. H. G. Bonavia, Mus. B., Warden of Trinity College, London, Trinity College, 13 Mandeville Pl., Manchester Sq., London, W.
Hunt, George, West Dulwich, London. *Ast., Mic.*
Hunt, Robert, F.R.S., Museum of Practical Geology, 28 Jermyn St., London, S.W. *Mineral Statistics.*
Hunter, A. E., Jesus College, Cambridge. *Lepid.*
Hunter, Rev. Robert, M.A., 9 Mecklenburgh St., London, W.C.
Hunter, William, Sandhoe, Haxham.
Hurst, George, F.S.S., F.R.H.S., King's Brook House, St. Mary's, Bedford. *Arch.**
Hurst, Thomas Grange, Lander Grange, Corbridge-on-Tyne, Northumberland.
Huskisson, Henry O., 42 Highbury Park, London, N.
Hutchings, W. M., Swansea Zinc Ore Co., Swansea, Wales. *Met.*
Hutchinson, Lieut.-Col. Alex. H., R.A., Tenby, Wales.
Hutchinson, J., 4 Strickland Gate, Kendal. *Bot.* C.
Hutchinson, William, 20 Temple St., Wolverhampton.
Huxham, Hortensius, 3 Rutland St., Swansea, Wales.
Huxley, Thomas Henry, LL.D., Ph.D., F.R.S., F.L.S., Professor of Natural History at the Royal School of Mines, S. Kensington Museum, 4 Marlborough Pl., Abbey Road, London, N.W.
Hylton, Lord, Carlton Club, Pall Mall, London, S.W.
Hymers, Rev. John, D.D., F.R.S., Late Fellow of St. John's College, Cambridge, Brandsburton Rectory, near Beverley.
I'Anson, Edward, 7*a* Laurence Pountney Hill, Cannon St., London, E.C.
I'Anson, James, Fairfield House, Darlington.
I'Anson, J. Coventry, Ebor House, Saltburn-by-the Sea.
Ibbetson, George Augustus, 19*a* Hanover Sq., London, W. *Mic.*
Ibbetson, Howgate, York. *Bot.* C. Ex.
Ilsley, I. S., 6 Trersthin Terrace, Falmouth, Cornwall. *Marine Zool.*
Ince, Joseph, F.L.S., 29 St. Stephen's Ave., Shepherd's Bush, London, W. *Mic.**
Ince, W. H., 17 Cromwell Crescent, London, S.W.
Inchbald, Peter, The Lodge, Hovingham, York. *Ent.*
Ingall, Charles, 5 Jeffrey's Sq., St. Mary Ave., London, E.C. *Geol.*

Ingall, Herbert, Champion Hill, London, S.E. *Ast.*
Inglefield, Sir Edward Augustus, K.C.B., D.C.L., F.R.S., United Service Club, and 99 Queen's Gate, London, S.W.*
Ingram, Rev. Arthur Henry Winnington, M.A., Harvington, near Evesham, Worcestershire.
Inman, T. F., Apsley House, Batheaston, Bath.
Irvine, W. B., 17 S. Tay St., Dundee, Scotland. *Nat. Science.*
Irvine, Duncan R., Geological Survey of Scotland, Geological Survey Office, Sheriff Court Buildings, Edinburgh, Scotland.
Irvine, Rev. Alexander, B.A., B.Sc., Wellington College, Wokingham.
Isaac, Player, Hinton Abbey, Bath.
Iselin, J. F., M.A., Inspector of Science Schools, South Kensington Museum, S.W.
Ives, James T. B., Manor Lodge, The Vale, Hampstead, London, N.W.
Jack, Dr. William, Prof. Math., Univ., Glasgow.
Jackson, A. E. A., 22 Anglesea Road, Ipswich. *Mic., Gen. Ent.* C. Ex.*
Jackson, Abraham Williamson, 8 Lansdowne Sq., Brighton.
Jackson, B. D., 30 Stockwell Road, London, S.W.
Jackson, C. L., Hillfold, Bolton, Lancashire.
Jackson, E. Steane, M.A., F.G.S., 2 Trematon Terrace, Ford Park, Plymouth. *Palæo., Geol., Min., Crystal., Lithol., Ast., Anth., Arch., Eth., Ethnog., Philol.**
Jackson, H. Wm., F.A.S., F.G.S., Mem. Royal College of Surgeons, Membre de la Société d' Anthropologie, Paris. *Vert. Palæo., Geol., Phys., Elect., Meteo., Ast.**
Jackson, Rev. J. C., M.A., 13 Manor Terrace, Hackney, E. *Ast.*
Jackson, Thomas H., J.P., Manor House, Claughton, Birkenhead.
Jackson, Wm., 312 Mare St., Hackney, London. *Lepid.*
Jackson, Wm. H., M.A., Pen Wartha, Weston-super-Mare.
Jago, James, M.D., F.R.S., Robartes Terrace, Truro. *Medicine, Entoptics, Physiological and Pathological Optics, Acoustics, Mechanics.**
James, G., Abbey St., Birmingham. *Min., Geol.*
James, J. H., Kingswood, Watford.
James, T. Williams, 23 Old Kent Road, London, E.C. *Lepid.*
James, Sir Walter C., Bart, 6 Whitehall Gardens, London, S.W.
James, W. H., care of H. C. James, Esq., 33 Regent's Park Road, London, N.W.
Jamieson, Thomas F., Ellon, Aberdeenshire, Scotland.
Janson, E. W., 35 Little Russell St., Bloomsbury, London, W.C. *Ent.*
Janson, F. H., 41 Finsbury Circus, London, E.C.
Janson, Oliver E., 35 Little Russell St., Bloomsbury, London, W.C. *Ent.*
Jaques, Edward, Office of Woods and Forests, Whitehall, London, S.W. *Geol.*
Jauncey, Walter, The Homend, Cradley, near Malvern.
Jeffcock, Thomas William, C.E., 18 Bank St., Sheffield.
Jeffrey, Henry Martyn, M.A., The Grammar School, Cheltenham. *Math.*
Jeffreys, J. Gwyn, LL.D., F.R.S., F.L.S., The Terrace, Kensington. *Con.*
Jenkin, Prof. F., F.R.S., 3 Great Stuart St., Edinburgh, Scotland. *Engin., Elect.*
Jenkin, Henry C. F., 3 Great Stuart St., Edinburgh, Scotland.
Jenkins, Henry Michael, Secretary of the Royal Agricultural Society of England, 12 Hanover Sq., London, W.
Jenkinson, R. J., Keswick, Cumberland *Min.*
Jenner, J. H. A., High St., Lewes. *Ent.*
Jenner, Robert F. Lascelles, Wenvoe Castle, Cardiff, Wales.

Jenner, Sir W., M.D., 63 Brook St., London, W.
Jennings, Francis M., Brown St., Cork, Ireland.
Jennings, J. H., High School, Nottingham. *Min., Geol.*
Jessel, Right Hon. Sir George, 10 Hyde Park Gardens, London, W.
Jesson, Thomas, B.A., Manor House, Nutbourne, Pulborough, Sussex.
Jeula, Henry, West Combe Lodge, Blackheath, London, S.E. *Mic.*
Jevons, W. E., Storeton Road, Birkenhead.
Jevons, William Stanley, F.R.S., LL.D., M.A., 2 The Chestnuts, Branch Hill, Hampstead Heath, London, N. W.*
Jewell, Jos., 3 Mt. Ambrose Terrace, Highway, Redruth. *Min.*
Joass, Rev. Dr., Golspie, Scotland. *Nat. Hist., Arch., Geol.*
Jobson, Henry, 7 Reform Terrace, Tottenham, near London. *Lepid.*
John, Evan, Llantrissant, Pontypridd, Wales. *Ent.*
Johnson, Miss, Langley Hill, King's Langley.
Johnson, David, F.C.S., Barrelwell House, Chester. *Mic.**
Johnson, Frank, Redruth. *Min.*
Johnson, George, M.D., 11 Savile Row, London, W.
Johnson, John, 21 Victoria Sq., Newcastle-on-Tyne.
Johnson, James Henry, 64 Albert Road, Southport.
Johnson, K. C., Queen Buildings, Liverpool. *Ast.*
Johnson, M. Hawkins, 379 Euston Road, London, N. W.
Johnson, Rev. S. J., F.R.A.S., Melplash Vic., Bridport, Dorset. *Ast.*
Johnson, W., 66 Upper Warwick St., Liverpool. *Lepid.*
Johnston, William, M.D., 16 Lonsdale Terrace, Upper Kent St., Leicester.
Jolly, William, F.R.S., F.G.S., Inverness, Scotland. *Geol., Arch.* C.
Jones, A. H., Shrublands, Eltham. *Lepid.*
Jones, Charles Handfield, 49 Green St., Park Lane, London, W.
Jones, Daniel, Albrighton, near Wolverhampton.
Jones, Samuel, 18 Hanover St., Swansea, Wales. *Min.*
Jones, T., F.R.A.S., Bromhill, Shooter's Hill, Kent.
Jones, Thomas, 2 Clytha Sq., Newport, Monmouthshire. *Geol.**
Jones, Thomas Rupert, F.R.S., F.G.S., 10 Uverdale Road, King's Road, Chelsea, London. *Bot., Palæo., Geol., Min., Crystal., Lithol., Anth., Arch., Crustacea, Protozoa.**
Jones, Thos. Wharton, F.R.S., Ventnor, Isle of Wight. *Physiol.**
Jones, Sir Willoughby, Bart., Cranmer Hall, Fakenham.
Jordan, Henry Keys, Gold Tops, Newport, Monmouthshire.
Joshua, William, F.L.S., F.R.M.S., Cirencester. *Cryst. Bot., spec. Algæ and Desmids, Lichens, Diatoms.* C. Ex.*
Joule, James Prescott, LL.D., F.R.S., 12 Wardle Road, Sale, Manchester. *Phys.*
Joynson, J., Waterloo, near Liverpool. *Ast.*
Judd, J. W., Prof. Geol., Royal School of Mines, Science Schools, South Kensington, S.W.
Jukes-Browne, A. J., Geological Survey of England, Museum, Jermyn St., London, S.W.
Kaines, J., M.A., D.Sc., 4 Trinder Road, Crouch Hill, London, N. *Anth.**
Kane, Prof. G. D., Univ. Coll., Sower St., London, W. *Human Anat.*
Kane, Sir Robert, M.D., LL.D., Royal Irish Academy, Dawson St., Dublin, Ireland.
Kay, John D., Leeds. *Ent.*
Kay, R., 2 Spring St., Bury. *Lepid.*
Keane, A. H., 19 Westwick Gardens, Kensington Park, London, W.
Keeping, H., Woodwardian Mus., Cambridge. *Geol.*
Keeping, Walter, M.A., F.G.S., Keeper of the Museum, St. Mary's Lodge, York. *Geol., Palæo.**

Keith, Rev. James, The Manse, Forres, Scotland. *Fungi.*
Kelham, Henry R., Lieut. 74th Highlanders, Maryhill Barracks, Glasgow, Scotland. *Orn.*
Kellock, W. B., Stanford Hill, London, N.
Kelly, C., M.D., Worthing. *Hygiene.*
Kempe, Alfred Bray, F.R.S., Crown-Office Row, Inner Temple, London, E.C.*
Kempton, H. T. K., 17 Cavendish Pl., London, W.
Kemshead, William Bath, M.A., Ph.D. F.R.A.S., Hanover Villa, Thurlow Park Road, West Dulwich, London, S.E.
Kendall, F., Walthamstow, Essex. *Geol.*
Kendall, John Dixon, 59 Roper St., Whitehaven.
Kendall, Rev. William Charles, M.A., Newark.
Kennedy, Capt. Alexander W. M. Clark, Knockgray Park, Galloway, N. B., Scotland. *Orn.*
Kennedy, Myles, Stone Cross, Ulverston.*
Kent, John C., Levant Lodge, Earl's Croome, Worcester. *Chem., Bot., Geol.* C.
Kernahan, Rev. James, M.A., Ph.D., 237 Queen's Road, Dalston, London, E.
Kershaw, Allen E., 6 Albert Road, Saltaire, Bedford, Yorkshire. *Ast.*
Kerswill, J. B., Fairfield, St. Germans, Cornwall.*
Key, Sir Astley Cooper, United Service Club, London, S.W.
Kidd, H. W., Church St., Godalming, Surrey. *Nat. Hist.*
Kinahan, C. H., C.E., M.R.I.A., F.C.S.I., Geological Survey of Ireland, Ireland. *Geol., Anth., Arch., Eth.**
Kincaid, Col. W., care Alexander Fletcher & Co., 2 St. Helen's Pl., Bishopsgate St., London, E.C. (See India.) *Hort., Geol., Anth., Eth., Arch.**
Kinch, Edward, Prof. Chem., Royal Agric. College, Cirencester. *Agric. Chem.*
Kinder, F., 12 Priam St., Liverpool. *Coleopt., Lepid.*
King, Charles Cooper, Capt. Royal Marine Artillery, Royal Military College, Sandhurst.
King, J. J., 207 Sauchiehall St., Glasgow, Scotland. *Lepid.*
King, J. T., 4 Clayton Sq., Liverpool. *Patents for Inventions.**
King, Kelburne, M.D., 27 George St., Hull. *Anth.*
King, John Langley, Doublegates, Merton, Surrey.
King, William Poole, Avonside House, Clifton, Bristol.
King, Prof. William, Queen's Coll., Galway, Scotland.
Kingzett, Charles Thomas, F.I.C., F.C.S., Analytical and Consulting Chemist, 17 Lansdowne Road, Tottenham. *Animal, Hygienic, and Technical Chem.**
Kirby, W. F., 5 Union Road, Tufnell Park, London, N. *Ent.*
Kirkhouse, Herbert, 22 Park Pl., Cardiff, Wales.
Kirkman, Rev. Thomas P., M.A., Croft Rectory, near Warrington.
Kitto, Benedict, F.G.S., Camborne, Cornwall. *Min. Analyt. Chem.* C. Ex. Wolfram, Tin Pyrites and other Cornish mins.
Klaassen, H. M., 2 Chepstow Road, Croydon.
Klein, Emanuel E., M.D., 5 Longridge Road, Earl's Court, London, S.W.*
Knight, John Mackenzie, F.G.S., Architect, 50 Bow Road, London. *Geol., Mic.* C. Ex. Offers Eocene fossil shells for American tertiary fossils.
Knobel, Edward Ball, F.R.A.S., Vicarage Cottage, St. James' St., Walthamstow.
Knott, George, LL.B., Cuckfield, Sussex. *Ast.*
Knowles, Rev. John, A.M., Ph.D., F.S.A , Tunbridge Wells.

Knowles, Sir Francis Charles, Mayfield, Ryde.
Knowles, J. T., Ballymena, Ireland. *Prehistoric Arch.*
Knox, Arthur E., M.A., Trotton House, Petersfeld, Sussex. *Orn.*
Knubley, Rev. Edward P., M.A., M.B.O.U., Staveley Rectory, Leeds. *Biol., Geol.* C. Ex. British birds' skins and British fossil shells.*
Koch, Walter E., 107 Philbeach Gardens, Warwick Road, London, S.W.
Kundell, W. W., Lloyds', Liverpool. *Elect., Meteo.*
Kuper, Rev. C. A. F., M.A., The Vicarage, Trelleck, Chepstow. *Ent.*
Laby, James, Allerton House, Blackheath, London, S.E. *Geol.*
Ladd, William, 12 Beak St., Regent St., London, W. *Mic.*
Ladds, John, 8 Kent Gardens, Castle Hill Park, Ealing, London, W. *Mic.*
Ladell, H. R., M.A., The London International College, Spring Grove, Isleworth.
Laing, Samuel, 5 Cambridge Gate, Regent's Park, London, N.W.
Lainson, Mrs., Stafford House, Clevedon, Somerset. *Bot., Geol.*
Laird, John, J.P., Grosvenor Road, Birkenhead.
Laistone, William, Union St., Plymouth. *Lepid.* C. Ex.
Lait, Lawson, 7 Great Charles St., Birmingham. *Biology.* Ex. slides illustrating gland structure, mounted for microscope.
Laker, Abbot G., Cluny House, Court Hill Road, Lewisham, London. *Hemipt.*
Langley, Rev. C. J., M.A., Gt. Berkhampstead. *Bot.*
Langley, J. N., M.A., Trinity College, Cambridge. *Physiol.**
Lamb, A. C., F.S.A., Lamb's Hotel, Dundee, Scotland. *Antiquities.*
Lambert, Alan, Heath Lodge, Putney Heath, London, S.W.
Lambert, Rev. F. C., B.A., 62 St. Andrew's St., Cambridge.
Lamont, James, 134 Bath St., Glasgow, Scotland.
Lancaster, John, Bilton Grange, Rugby.
Lancaster, William James, F.R.A.S., F.C.S., F.G.S., Colmore Row, Birmingham. *Exper. Physics, spec. light of Electricity.*
Lane, C., Odiarne, 2 Bellevue, Clifton, Bristol. *Ent.*
Lane, M. B. H., 90 Junction Road, London. *Ent.*
Lane, William J., 9 Teesdale St., Hackney Road, London. *Lepid.*
Lang, Henry C., M.D., 41 Berners St., Oxford St., London, W. *Ent.*
Lang, P. R. Scott, Prof of Math., Univ. of St. Andrews, Scotland.*
Langdon, Augustin W., M.A., 4 Castle Down Terrace, Hastings. *Con.* C. Ex. Sea-shells, gasteropoda only.
Langridge, Herbert A., 2 Sion Villas, Thornton Heath, Surrey. *Geol.*
Lankester, E. Ray, M.A., Prof. Zool. and Comp. Anat., University College, 11 Wellington Mansions, North Bank, N.W.
Lapworth, Charles, 4 Kinburn Pl., St. Andrews, Scotland. *Palæo.*
Latham, Baldwin, 7 Westminster Chambers, Victoria St., London, S.W.
Latham, H., Mount Pleasant, Wakefield. *Coleopt.*
Laughton, G. J., 55 Hamilton St, Birkenhead, Scotland.
Laurance, John, Elton, Peterborough, Northamptonshire.
Laver, H., 1 Trinity St., Colchester.
Law, H. W., Queen's Gate Terrace, London, S.W. *Lepid.*
Law, J. S., South Lodge, Southgate, London, N.
Lawes, John Bennett, LL.D., Rothamsted, St. Alban's.
Lawrence, Philip Henry, Fearegg House, Prince's Road, Wimbledon Park.
Lawrence-Hamilton, Julius, 34 Gloucester Terrace, Hyde Park, London, W.
Lawson, Charles, E., 19 Portsea Place, Connaught Sq., London, W. *Orn.*

Lawson, M. A., Prof. Botanic Gardens, Oxford. *Bot.: Phanerogams, Musci.* C. Ex. Offers several hundred good, recently-gathered specimens of Tasmanian Phanerogamous Plants. Wishes good specimens of Mosses from any part of the world except the United States, Canada, and Europe.

Lawton William, Victoria Terrace, Derringham, Hull. *Ast., Meteo., Mic., Photog., Zool.* C.*

Lea, A. S., Trinity College, Cambridge. *Physiol.*

Lea, John Walter, B.A., F.G.S., F.Z.S., 9 St. Julian's Road, Kilburn, London, N.W. *Geol., Zool., Biol.*

Leabroke, G. M., Temple Obs., Rugby School. *Ast.*

Leach, Alfred, Southgate, Wakefield. *Gen. Ent.*

Leach, Rev. Charles, 21 Noel Road, Birmingham.

Leaf, Charles John, F.L.S., F.S.A., Old Change, London, E.C., and Pain's Hill., Cobham, Surrey.

Leather, J., Manor Road, Liscard, Liverpool. *Lepid.*

Lebour, G. A., M.A., Professor of Geology in the Univ. of Durham, College of Physical Science, Newcastle-on-Tyne. *Geol. (Carbon).* C. Carb. fossils in ex. for foreign spec.*

Lecky, R. J., F.R.A.S., 3 Lorton Terrace, Notting Hill, W. *Ast.*

Ledger, Rev. E., M.A., Prof. Ast., Gresham Coll., London.

Lee, Henry, F.L.S., F.G.S., Ethelbert House, Margate, *Ichth., Mam., Zool., Mic.**

Lee, John Edw., Villa Syracuse, Torquay, Devon. *Geol., Arch., spec. Devonian fossils.* C. Ex. for Am. Devon. fossils.

Lee, Thomas, F.R.A.S., Observatory, Kilmarnock, Scotland. *Ast.*

Leech, J. H., Park Villa, Wrakall, Isle of Wight. *Lepid.*

Le Feuvre, William Henry, 28 Brunswick Gardens, Kensington, W., and Jersey.

Lefevre, Henry Francis Shaw, 29 Green St., Grosvenor Sq., London, W.

Leefe, Rev. J. E., M.A., Creswell Vicarage, Morpeth.

Lees, Edwin, F.L.S., Green Hill Summit, Worcester.

Lees, F. Arnold, M.D., 35 Sankey St., Warrington. *Bot.: Mosses, Hepaticæ.*

Legg, John E., M.A., F.I.C., Gt. Berkhampstead. *Bot., Chem., Phys., Biol.**

Legge, Capt Vincent, R.A., Aberystwith, Wales. *Orn.*

Leighton, William Henry, 2 Morton Pl., Chiswick.

Leipner, Adolph, Hampton Park, Bristol. *Bot.*

Lemon, William George, B.A., Montpelier Lodge, Blackheath, London, S.E.

Lendy, Major Auguste Frederic, F.L.S., Sunbury House, Sunbury. *Ent.*

Le Neve Foster, Arthur, Telegraph Works, Silvertown, Essex. *Telegraphy.*

Le Neve Foster, Herbert, Mossend Iron Works, Holytown, Glasgow, Scotland. *Chem. of iron and steel.*

Leonard, Hugh, Geological Survey of Ireland, 14 Hume St., Dublin, Ireland.

Lester, Lester, F.L.S., Langton Maltravers, Dorset

Le Strange, Hamon, Hunstanton Hall, King's Lynn, Norfolk. *Orn.*

Le Strange, Paget W., Lieut.-Col. Royal Artillery, Guernsey. *Orn.*

Letcher, Thomas H., St. Day, Cornwall. *Min.*

Letts, Prof. E. A., Chem. Lab., Queen's Coll., Belfast, Ireland. *Chem.*

Lettsom, W. G., F.R.A.S., 2 Thurlow Pl., Lower Norwood, S.E.

Levander, H. C., F.R.A.S., 30 North Villas, Camden Sq., N. W.

Leverson, Julian John, 18 Queensberry Pl., Cromwell Road, London, S.W.
Levick, John, 89 Albert Road, Aston, Birmingham. *Mic., Gen. Biol., Protozoa, Infusoria.**
Lewin, Geo., F.I.C., Laboratory, Somerset House, London, W.C. *Chem.*
Lewis, A. W., 35 Colebrook Row, London, N. *Anth., Prehistoric Arch.* C. Ex.
Lewis, Geo., 5 Albert Road, Brighton. *Ent.*
Lewis, J. F., War Office, Horse Guards, Whitehall, London, S.W.
Lewis, J. H., F.L.S., 145 Windsor St., Liverpool. *Mosses, Hepaticæ, Lichens.* C. Ex.*
Lewis, Thomas, Asst. Royal Observatory, Greenwich. *Ast.*
Lewis, W. J., 21 Fitzwilliam St., Prof. Min., Camb. Univ., Cambridge. *Min.*
Lewis, William Thomas, C.E., Mardy, Aberdare, Wales.
Ley, John H., London Road, Croydon. *Geol.*
Liebreich, Richard, M.D., 16 Albermarle St., London, W.
Lindley, William, 10 Kidbrooke Terrace, Blackheath, London, S. E.*
Lindsay, Charles, Ridge Park, Lanark, Scotland.
Lingwood, Robert Mankin, M.A., F.L.S., 6 Park Villas, Cheltenham.
Linn, James, H.M. Geol. Surv., Sheriff Court Buildings, Edinburgh, Scotland. *Geol., Arch.* C.
Lister, Joseph, M.D., 12 Park Crescent, Portland Pl., London, W.
Littleboy, John E., Hunton Bridge, Watford. *Orn.*
Liveing, George Downing, M.A., Prof. Chem., Newnham, Cambridge.*
Livett, H. W., M.D., Wells, Somerset. *Ent.*
Livingstone, Clermont, Tudor Lodge, Snakesbrook, London, E. *Ent.*
Llewelyn, John Dillwyn, 39 Cornwall Gardens, London, S.W.
Llewelyn, J. T. D., M.A., Ynysgerwn, Neath. *Ent.*
Lloyd, Alfred, F.C.S., Mem. Ent. Soc., The Dome, Upper Bognor, Sussex. *Ent., Chem.**
Lloyd, George, M.D., Birmingham.
Lloyd, Major John H., Colbrooke Lodge, Bogner, Sussex. *Orn.*
Lobley, James L., 59 Clarendon Road, London, W. *Geol.*
Lockyer, B., 28 King St., Covent Garden, London. *Lepid.*
Lockyer, J. Norman, F.R.S., 16 Penywern Road, London.
Lodge, Oliver Joseph, D.Sc., Prof. Phys., University Coll. of Liverpool, 26 Waverley Road, Liverpool, S.D. *Chem., Phys., Elect., Ast.*
Lofthouse, J. P., Stroud. *Geol.*
Loewy, B., F.R.A.S., Richmond Villa, Woodlands, Isleworth, London, W. *Phys., Terrestrial Magnetism.**
Logan, R. F., Spylaw House, Colinton, near Edinburgh, Scotland. *Ent.*
Lõhse, Dun Echt Obs., Dun Echt, Scotland. *Ast.*
Lolly, William H. M., Inspector of Schools, Inverness, Scotland. *Geol., Bot.*
Lomas, Thomas, 31 Back High St., Middletown, near Manchester. *Ent.*
Lomax, A. E., 56 Vauxhill Road, Liverpool. *Bot.* C. Ex. British wild plants for those of U. S.*
Long, Harry Alfred, 52 Jane St., Blythswood Sq., Glasgow, Scotland. *Educationalist.**
Long, Jno. I., Whitevale St., Glasgow, Scotland.
Longe, Francis Davy, B.A., Coddenham Lodge, Cheltenham.
Longstaff, George B., South Fields Grange, Wandsworth, London, S.W. *Hygiene.**

Longstaff, George D., M.D., Butterknowle, Wandsworth, London, S.W. *Chem.**
Love, James, F.R.A.S., Talbot Lodge, Bickerton Road, Upper Holloway, London, N.
Loveday, William T., 17 Stanley Crescent, London, W.
Lovelace, William King, Earl of, East Horsley Park, Ripley, Surrey.
Lovell, Thomas, 128 Hartford St., Stepney, London, E. *Lepid.*
Lovick, Thomas, Metropolitan Board of Works, Spring Gardens, London, S.W. *Geol.*
Low, Edward Joseph, Shirenewton Hall, near Chepstow, Monmouthshire.
Low, William, Roseneath, Grove Park, Wrexham, Wales.
Lowdon, George, Scientific Instrument Maker, 1 Reform St., Dundee, Scotland. *Electrician.*
Lowe, W. H., M.D., Woodcote Lodge, Inner Park Road, Wimbledon Park, London, S.W. *Ent.*
Lowe, Edward J., Highfield House Observatory, near Nottingham.
Lowry, Paul J., 61 Hackford Road, North Briston, London, S.W. *Lepid.*
Lowson, D. L., M.A., Clarendon House, 164 Kennington Road, London. *Geol.*
Lubbock, Sir John, M.P., High Elms, Farnsborough, Kent. *Gen. Ent., Hymenop., Formicidæ.*
Lucas, Henry, 46 Gloucester Sq., Hyde Park, London, W.
Lucas, Joseph, 21 Surrey St., Strand, London, W.C.
Lucy, W. C., The Winstones, Brookthorpe, near Gloucester. *Water Supply.*
Luff, A. P., 13 Lisson St., Marylebone Road, London, N.W.
Luke, James, Fingest Grove, Boulter End.
Lumb, George Henry, Piccadilly, Westgate, Wakefield. *Gen. Ent.*
Lumsden, J., Jr., Arden House, Alexandria, Scotland. *Orn.*
Lundie, C., Rhymney Railway, Cardiff, Wales.*
Lupton, Arnold, Crossgates, Leeds.
Lupton, Henry, The Elms, Chapel Allerton, Leeds. *Ent.*
Lush, W. J. H., Fyfield, near Andover, Hants.
Lyall, George, South Shields.
Lyell, Leonard, 92 Onslow Garden, South Kensington, S.W.
Lynam, James C., E. Raheen, Ballinasloe, Ireland. *Bot.* Ex.
Lynde, James Gascoigne, The Orchard, Gore St., Greenheys, Manchester.
Lynn, Willam T., B.A., Royal Obs., Greenwich, S E. *Ast.*
Lyttleton, Right Hon. Lord Lilford, Lilford Hall, Oundle, Northants. *Orn.*
Lytton, Rt. Hon. Earl of, Knebworth Park, Stevenage.
Macadam, Stevenson, Ph.D., F.R.S.S., F.C.S., F.I.C., Surgeon's Hall, Edinburgh, Scotland. *Agric. Chem.**
Macadam, W. Ivison, F.C.S., F.I.C., etc., Surgeon's Hall, Edinburgh, Scotland. *Chem., Geol., Agric.* C.*
MacAlister, Donald, M.A., M.B., D.Sc., St. John's College, Cambridge. *Math., Physics, Physiol.**
MacAndrew, James J., Lukesland, Ivy Bridge, S. Devon.
Macaulay, J. J., High Street, Holywood, Co. Down, Ireland. *Mic., Photog., Chem.**
McCance, James L., F.R.A.S., F.M.S., Rathfern, Rayner's Road, Putney Hill, London, S.W., and Science Club, Savile Row. *Ast.**
McCarthy, 15 Finchburg Sq., London, E.C. *Mic.*
McClay, James Lynn, Rose Villa, Victoria Mount, Oxton, Birkenhead. *Geol., Arch.* C.
McClean, Frank, M.A., 23 Great George St., London, S.W.

McClelland, John, Riversdale House, Stillorgan, Co. Dublin, Ireland.
McCulloch, Rev. Hugh, The Manse, Buncrana, near Londonderry, Ireland. *Bot., Moll.*
McDonald, J. A., Holly Pl., Hampstead, London, N.W.
McDonald, John D., Royal Victoria Hospital, Netley.
McDonnell, Robert, M.D., F.R.S., Lower Pembroke St., Dublin, Ireland. *Physiol.*
MacDougald, G. D., 41 Reform St., Dundee, Scotland. *Chem.*
McDowall, H., Fordington Green, Dorchester, Dorset. *Lepid.*
Machin, Wm., 22 Argyle Road, Carlton Sq., London. *Lepid.*
McIlwain, Canon, D.D., Belfast, Ireland. *Antiquarian.*
McIntosh, William Carmichael, M.D., Monthly, Scotland.
MacIver, David, M.P., Woodsley, Spital, Birkenhead.
Mackay, J. B, Totteridge Green, Herts.
Mackenzie, G. Welland, F.R.C.S., 15 Hans Pl., London, S.W.
McKenzie, Joseph, Vice-Pres. Huddersfield Nat. Hist. Soc., Nursery Cottage, Birkby, Huddersfield. *Palæo., Min., Crystal., Crustacea, Sponges.**
Mackeson, Henry Bean, Hythe, Kent.
Mackinnon, A. K., 1 Gloucester St., South Belgravia, London, S.W.
Mackintosh, Daniel, 36 Whitford Road, Tranmere, Birkenhead.*
Mackrell, John, 3 Victoria Road, Clapham Common, London, S.W. *Mic.*
McLachlan, Robert, F.R.S., 39 Limes Grove, Lewisham, London, S.E.
McLandsborough, John, F.R.A.S., South Park Villa, Harrogate.
MacLaughlan, John, Louise Terrace, W. Ferry, near Dundee, Scotland. *Bibliography.*
Maclean, Hector, 45 Park Crescent, Brighton.
Maclean, W. C., 31 Camperdown Terrace, Great Yarmouth.*
MacLeay, Sir George, Pendell Court, Bletchingley, Surrey.
Maclennan, Rev. Alexander, M.A., Carlton House, Newcastle-on-Tyne.
McMahon, Lieut.-Col. C. A., care of Messrs. Grindley & Co., 55 Parliament St., London, S.W.
Macmillan, Alexander, Bedford St., Covent Garden.
MacMunn, Chas. Alexander, B.A., M.D., F.C.S., Oakleigh, Wolverhampton *Biological and Medical Applications of Spectroscope, and Physiological Chemistry.**
McMurtrie, James, Radstock Collieries, Bath.
McNab, W. R., M.D., Prof. Bot., R. Coll. of Science, Dublin, Ireland.
Macpherson, Alexander, 3 Great Tower St., London, E.C. *Geol.*
Macpherson, John, M.D., 35 Curzon St., Mayfair, London, W.
Macqueen, Chas., 4 Osborne Villas, Strand, Green Road, London, N. *Lepid.*
McRae, W., Westbourne House, Bournemouth. *Lepid.*
Macvicar, John G., D.D., LL.D., The Manse of Moffat, Dumfriesshire, Scotland, *Molecular Sci., Phys., Phil.*
McVie, James, Anchorelle, Kirkcudbright, Scotland. *Nat. Hist.*
Maddock, Rev. Henry E., M.A., Clare College, Cambridge.
Main, I. F., M.A., B.Sc., Clifton. *Math.*
Main, P. T., M.A., St. John's College, Cambridge. *Chem.*
Maine, Sir Henry S., LL.D., 27 Cornwall Gardens, London, S.W.
Maggs, Thomas C., Mem. Geol. Assoc., and Palæo. Soc., Newlands, Yeovil, Somersetshire. *Geol., Palæo.**
Magnus, Philip, B.Sc., B.A., Gresham College, London.*
Makins, Walter K., Westhorpe House, Hendon, N W. *Mic.*
Malcolm, John Wingfield, 7 Stanhope St., Mayfair, London, W. *Orn.*
Major, H., B.Sc., Sherwood House Fosse, Leicester.

Major, Richard H., F.S.A., V.P. Royal Geog. Society, 51 Holland Road, Kensington, London. *History of Discovery.*
Maling, C. T., 14 Ellison Pl., Newcastle-on-Tyne. *Geol.*
Mammatt, John E., Bramley, Leeds. *Geol.*
Manby, Lieut.-Col. Charles, F.R.S., 9 Victoria Chambers, Victoria St., London, S.W.
Mann, Robert James, M.D., F.R.C.S., F.R.A.S., F.R.G.S., M.R. Inst. Gt. Br. F.M.S., 5 Kingsdown Villas, Wandsworth Common, London, S.W.*
Manners-Sutton, Hon. Graham, 50 Thurloe Sq., London, S.W. *Orn.*
Manning, Robert, C.E., 4 Ely Pl. Upper, Dublin, Ireland. *Hydrology.*
Mansel-Pleydell, John C., B.A., F.G.S., F.L.S., Whatcombe, Blandford, Dorsetshire. *Gen. Nat. Hist.**
Mansergh, James, 3 Westminster Chambers, Victoria St., London, S.W.
Mantua & Montserrat, H.M.S.H., The Prince of, The Curator of the Museum of, 18 Elgin Road, St. Peter's Park, London, W. *Bot.* Ex. Spec. wanted in Birds, Minerals, Fossils, Plants, Seeds, Insects, Shells, and Antiquities.*
Marcet, Francis, 13 Stratton St., London, W.
Marcet, William, M.D., 39 Grosvenor St., London, W.
Marks, Henry S., 15 Hamilton Terrace, London, N.W. *Orn.*
Markby, J. R., 7 University St., London, W.C. *Geol.**
Markham, C. R., Athenæum Club, and 21 Eccleston Sq., London, S.W.
Marr, J. E., B.A., St. John's College, Cambridge. *Geol.*
Marrat, F. P., Free Public Museum, Liverpool. *Con., Min.*
Marreco, A. F., College of Phys. Science, Newcastle-on-Tyne. *Geol.*
Marriott, John, Fleckney, W., Market Harborough, Leicestershire. *Geol.*
Marriott, W., Ass't Sec. Meteo. Soc., 30 Great George St., Westminster, London, S.W. *Meteo.**
Marsden, Herbert Walter, Nat. Hist. Agent, 37 Midland Road, Gloucester. *Orn., Ool., Lepid.* Ex.*
Marsh, John G., 16 Hanover St., Rye Lane, Peckham, London, S.E. *Ent.*
Marsh, T. E. Milles, C.E., Grosvenor Pl., Bath, and Westminster Chambers, London, S.W.*
Marshall, Arthur, Headingley, near Leeds.
Marshall, A. M., Prof. Zool., Owens Coll., Manchester.
Marshall, John, F.R.A.S., F.G.S., Church Institute, Albion Pl., Leeds.*
Marshall, W., Elm Lodge, Clay Hill, Enfield. *Ent.*
Marsham, The Hon. Robert, 5 Chesterfield St., Mayfair, London, W.
Marson, Thos., 68 Kirggate, Wakefield. *Ent.*
Marten, E. B., Pedmore, near Stourbridge. *Geol.*
Marth, Albert, 66 Lambeth Road, London, S.E. *Ast.*
Martin, Joseph Samuel, Prestwich, Manchester.*
Martin, Richard Biddulph, Chislehurst. *Anth.*
Martindale, Joseph Anthony, Dancs Road, Stavely, Kendal. *Lichens.* C. Ex.*
Maskelyne, Nevil Story, M.A., M.P., F.R.S., F.C.S., Professor of Mineralogy in the University of Oxford, 112 Gloucester Terrace, Hyde Park Gardens, London, W.
Mason, James, F.C.S., Tynsham Hall, near Witney, Oxon.
Mason, Philip B., Burton-on-Trent. *Brit. Zool. and Bot.**
Massee, G. E., Oak House, Oak Road, Scarborough. *Bot.*
Massey, Gerald, New Southgate, London. *Anth.*
Masters, Maxwell T., M.D., 41 Wellington St., Strand, London. *Bot.*
Mateer, Rev. S., The Mission House, Bloomfield St., Finsbury.

Mathew, Gervase F., Paymaster Royal Navy, Instow, North Devon. *Lepid.* C. Ex. British for Exotic Lepid.
Mathew, Rev. Murray A., M.A., Stone Hall, Haverfordwest, Wales. *Orn*
Mathews, Wm., M.A., 60 Harborne Road, Birmingham. *Bot., Geol.*
Mathewson, Allan, C.M.S.A., Constitution House, Constitution Road, Dundee, Scotland. *Geol., Arch.*
Matthews, G., 20 Cropley St., New North Road, London. *Lepid.*
Matthey, George, Cheyne Walk House, Chelsea, London, S.W.
Maudsley, Henry, M.D., 9 Hanover Sq., London, W.
Maunder, E. W., Editor of "The Observatory," Assistant Superintending the Physical Dept., Royal Obs., Greenwich, London, S.E. *Ast.**
Maw, George, F.L.S., F.S.A., F.G.S., Benthall Hall, Broseley. *Bot., Monograph of Genus Crocus, Geol., Sil. Brachiopods.* C.*
Mawer, Walter, 37 Norfolk St., Strand, London. W.C.
May, John W., Arundel House, Percy Cross, Fulham Road, London, S. W. *Ent.*
May, William, Northfield, St. Mary's Cray, Kent.
Mayall, J., Jr., 22 Regent St., London. *Mic.*
Maybury, A., Constable, 23 Charlotte St., Bedford Sq., London, W.C.
Maynard, John, East Pool Mine, Redruth. *Min.*
Maynard, Richard, 78 Pendarves St., Tuckingmill. *Min.*
Mayo, Herbert, Cheshunt, Herts.
Maxted, Charles, Providence Cottage, Well Road, Hampstead, London, N.W.
Meacham, Fred. G., Hampstead, Great Barr, Birmingham. *Geol.* C.*
Meade, R. H., Bradford. *Ent.: Dipt.*
Meaden, Henry P., Hallgarth St., Durham.
Medlicott, C. W. C., M.D., County Asylum, Wells, Somerset.
Medwin, Aaron George, M.D., F.L.S., L.D.S., 34 Benton St., Berkeley Sq., London, W. *Bot., Ent.**
Medlycott, W. C. P., Ven Sherborne, Dorset. *Geol., Orn., Con., Mosses, Hepaticæ, Lichens, Algæ.* C.
Meeham, W. H., 446 Kingsland Road, London. *Lepid.*
Meek, E. G., 56 Brompton Road, London, S.W. *Ent.*
Meiklejohn, Dr. J. W. S., M.D., Fleet Surgeon, R.N., H.M. Dockyard, Chatham. *Bot.* C.
Meldola, R., 21 John St., Bedford Row, London, W.C. *Ent.*
Melliss, John Charles, F.G.S., F.L.S., Mem. Inst. C.E., 232 Gresham House, Old Broad St., London, E.C.*
Mello, Rev. John Magens, M.A., St. Thomas Rectory, Brampton, Chesterfield.
Mellor, T. Randolph, C.E., Nutfield, Redhill, Surrey.
Merivale, Prof. John H., Durham Univ., College of Phys. Sci., Newcastle-on-Tyne. *Mining.*
Merrifield, Charles W., 20 Girdler's Road, Brook Green, London, W.
Merrifield, Dr. I., F.R.A.S., Gascoyne Pl., Plymouth. *Math., Meteo.*
Merry, James S., Swansea, Wales. *Min.*
Merryweather, Henry, 158 Cromwell Road, South Kensington, S.W.
Merton, Henry, 3 Westbourne Crescent, London, W.
Messer, Dr. A. B., Royal Naval Hospital, Plymouth.
Metcalfe, Arthur T., F.G.S., Southwell, Notts. *Invert. Palæo., Geol., Zool., Gen. Biol., Sponges, Protozoa.**
Meyer, C. J. A., 3 Prince's Gardens, Clapham Common, London, S.W.
Meyrick, E., Ramsbury, Hungerford, Wilts. *Ent.*
Miall, Louis C., Prof. Biology, Yorkshire Coll., 5 Montpelier Terrace, Leeds.*
Michell, Maj. W. E., F.R.A.S., The Fort, Newquay, Cornwall.

Michie, Rev. J. G., Dinnet, Aberdeenshire, Scotland. *Min.*
Middleton, Rev. George, Bourne College, Summer Hill, Birmingham.
Middleton, John O., 1 Ebenezer Terrace, Plumstead Common, Kent.
Middleton, Robert Morton, F.L.S., Castle Eden, Co. Durham. *Phæn. Bot.: Ferns, Palæo., Arch., Orn., Herpetol.* C. Ex.
Midwood, Lieut. H., 74th Highlanders, Aldershot. *Con.*
Miers, Edward J., F.L.S., British Museum, London. *Crustacea.*
Millar, John, Bethnal House, Bethnal Green, London, E.
Miller, Charles, Lynmouth House, Langley Road, Beckenham, Kent. *Lepid.*
Miller, Hugh, Geological Survey of England, Museum, Jermyn St., London, S.W.
Milligan, Joseph, F.L.S., F.R.A.S., 6 Craven St., Strand, London, W.C.
Mills, Edmund J., Young Prof. of Technical Chem., Anderson's Univ., 60 John St., Glasgow, Scotland.
Mills, Rev. S., Droylsden Rectory, Manchester. *Ast.*
Mills, Thomas S., B.A., 19 Forest Road, Birkenhead.
Milnes, William, Coal Exchange, London, E.C.
Milward, Miss, Tullogher, New Ross, Ireland. *Bot.*
Minton, Samuel, Oakham House, near Dudley, Staffordshire.
Mitchell, Frank Johnstone, Newport, Monmouthshire.
Mitchell, Frederick S., Hornshaws, Clitheroe, Lancashire. *Orn., Ool.**
Mitchell, Rev. Hugh., LL.D., Free Church, Manse Craig, Montrose, Scotland. *Geol.**
Mitchell, Joseph, C.E., Inverness, Scotland.
Mitchell, Joseph, Jr., Worsboro', Dale, near Barnsley.
Mitchell, Richard, 30 St. George's Road, Regent's Park, London, N.W.
Mivart, Prof. St. George, 77 Seymour St., London, W. *Biol., Comp. Anat.*
Moffat, Thomas, M.D., F.R.A.S., Hawarden, near Chester. *Meteo.*
Moggridge, Matthew, F.L.S., 8 Bina Gardens, South Kensington, S.W. *Geol.*
Moir, Edward, Newport-on-Tay, near Dundee, Scotland. *Bot., Spec. Alpine Flora.*
Moiser, H. I., South View, York. *Bot., Geol.*
Moiser, R. H., Heworth Grange, York.
Molyneux, Wm., Branston Lodge, Burton-on-Trent.
Monckton, E. P., M.A., Finshade Abbey, Wansford, Northamptonshire.
Moncrieff, Col. Alexander, Easter Road Barracks, Edinburgh, Scotland. *Ordnance Engineering.*
Mone, A. G., R. Dublin Soc., Dublin, Ireland. *Nat. Hist.*
Monkhouse, Rev. P. E., M.A., Park Road South, Birkenhead.
Montalbo, Antonio R., 20 Stanley Crescent, Kensington Park, London, W. *Geol.*
Montefiore, Sir Moses, 35 Park Lane, London, W.
Moore, F., F.Z.S., 110 Oakfield Road, Penge, London, S.E. *Ent.*
Moore, J., 44 Arundel St., Landport, Portsmouth. *Lepid.*
Moore, John Carrick, M.A., 113 Eaton Sq., London, S.W.
Moore, R. W., 19 Catherine St., Whitehaven.
Moore Septimus P., LL.B., B.Sc., Firfield, Surrey Road, Bournemouth.
Moore, Thomas J., Free Public Museum, Liverpool. *Zool., Palæo.*
Morant, Alfred William, F.S.A., 33 Virginia Road, Leeds.
More, Alex. G., Museum of Science and Art, Dublin, Ireland. *Orn., Brit. Bot.*
Moreland, Richard, Jr., 4 Highbury Quadrant, London, N.
Moreton, Frederick Leslie, 21 Ker St., Devonport. *Lepid.* C. Ex.
Morgan, Rev. Francis Henry, M.A., Gisbro' Rectory, Yorkshire.
Morgan, James Arthur, 47 Finsbury Circus, London, E.C.

Morgans, W., F.G.S., C. & M.E., The Guildhall, Bristol.
Morgans, William, Chantry, Frome.
Morley, John, Mason's College, Birmingham. *Ferns, Algæ, Desmids.**
Morrieson, Col. R., Oriental Club, Hanover Sq., London, W. *Mic.*
Morris, James, 6 Windsor St., Swansea, Wales. *Min.*
Morris, John, M.A., 15 Upper Gloucester Pl., Dorset Sq., London N.W. *Geol.*
Morrison, Francis R., "Beechwood," Knockholt, near Sevenoaks, Kent. *Geol., Min., Bot.**
Mortimer, J. R., St. John's Villa, Driffield, Yorkshire.
Mortimer, R., Fimber, Malton, Yorkshire. *Geol.*
Morton, George H., 122 London Road, Liverpool. *Geol., Carb. Limestones of N. Wales.* C. Ex.*
Morton, Dr. John H., New Brompton, Kent. *Bot., Hort., Mic., Diatoms. Pollens*, etc.. C. Ex.*
Moseley, H. N., F.R.S., F.L.S., F.Z.S., etc., Prof. Human and Comp. Anat., Univ. of Oxford, 14 St. Giles, Oxford. *Zool.**
Mosley, George, Holgate Classical and Commercial Seminary, York.
Mosley, S. L., Huddersfield, Primrose Hill. *Lepid.*
Moss, John, Wrexham, London, E.C. *Chem.**
Mosse, G. S., Stanford Road, Kensington, W. *Ent.*
Mostyn, Charles, Elmley House, Grove Road, Surbiton, London, S.W. *Mic.*
Mott, Albert J., Adsett Court, Westbury-on-Severn, Gloucester.
Mott, Basil, A.R.S.M., Little Weston, Cheshire. *Mining.*
Mott, Frederick T., G.R.G.S., Birstal Hill, Leicester. *Bot.: Mosses, Edible Fruits.* C. Ex. Desires information about all edible fruits which are unknown in England.*
Moulton, John Fletcher, M.A., 74 Onslow Gardens, London, S.W.
Mountcastle, William R., Bridge Farm, Ellenbrook, near Manchester. *Literature.*
Muir, Edwin, 26 King St., Manchester.
Muir, M. M. Pattison, M.A., Fellow and Prælector in Chem., Gonville and Caius College, Cambridge. *Inorg. Chem.**
Muir, Thomas, Beechcroft, Bishopton. *Math.*
Muirhead, Henry, M.D., F.F.P.S.G., Bushy Hill, Cambuslang, Lanarkshire, Scotland. *Psychol. and Phys. Phil.**
Müller, Dr. Hugo, F.R.S., 13 Park Sq. East, Regent's Park, London, N.W.
Müller, Max, Oxford.
Mulliner, Francis, Leigh House, Devonshire Road, Birkenhead,
Mummery, John R., 10 Cavendish Pl., Cavendish Sq., London, W. *Mic.*
Muncer, Geo., 4 Martha St., Haggerston, London. *Lepid.*
Mundie, John, 22 Watson St., Aberdeen, Scotland. *Tax., Ent.* C. Ex.*
Munroe, Henry, M.D., 19 Charlotte St., Hull. *Mic., Med. Jurisprudence.* C. Ex.
Murdoch, J. R., care of Messrs. J. Barran & Co., St. Paul's St., Leeds. *Bryology.*
Murie, James, M.D., LL.D., F.L.S., Linnean Society, 7 Torriano Gardens, Camden Road, London, N.W.
Murphy, Joseph John, Old Forge, Dunmurry, Co. Antrim, Ireland. *Meteo.**
Murray, Mrs., Loughboro' Park, Brixton, London, S.W. *Geol.*
Murray, Adam, Science Club, 4 Savile Row, London, W.
Murray, G. R. M., British Museum, S. Kensington, London, *Cryptogams.*
Murray, Lieut. H., Tralee, Ireland. *Ent.*
Murray, John, 50 Albemarle St., London, W.

Murray, Rev. Richard Paget, M.A., Baltonsboro Parsonage, Glastonbury. *Ent.*
Murray, William, Monkland House, Lanarkshire, Scotland.
Musson, C. F., Goldsmith St., Nottingham. *Con.*
Musson, Edward C., M.A., Brown's School, Stamford.
Myers, Edward, F.G.S., The Parsonage, Claremont Hill, Shrewsbury. *Geol., Min., Crystal., Lithol., Arch.**
Myers, John W., 20 Westbury Road, Westbourne Sq., London, W.
Myhill, Charles, Curzon School House, Mayfair, London, W.
Mylne, Robert William, 21 Whitehall Pl., London, S.W. *Geol.*
Nagel, David H., 10 Tay Sq., Dundee, Scotland. *Phys., Nat. Hist.*
Naidley, Henry, Oxford Military College, 35 Lincoln's Inn Fields, London, W.C. *Geol.*
Napier, Charles G., 2 Garville Ave., Rathgar, Dublin, Ireland.
Napier, Capt. Johnston, Elm Grove Pleasure-Garden, Salisbury. *Engineering (Military), Chem., Geol.* C.
Nash, William C., Royal Observatory, Greenwich, London. *Elect., Meteo., Ast.**
Neate, Percy J., 53 Belsize Park, Hampstead, London, N.W.
Neave, B. W., 16 Lander Terrace, White Hart Lane, Wood Green, London, N. *Lepid.*
Needham, S. H., F.G.S., F.R.G.S., Mem. Queckett Mic. Club, 5 Mecklenburgh St., Mecklenburgh Sq., London, W.C.*
Neilson, Col. Walter Montgomerie, Queenshill, Kirkcudbright, Scotland.
Neison, Edmund, F.R.A.S., Science Club, London. *Ast., Chem.*
Nelson, John, Wellington St., Dundee, Scotland. *Orn.*
Neve, J. R., Kingston-on-Thames. *Bot.*
Nesbit, A. A., F.C.S., 38 Gracechurch St., London. *Agric. Chem.* Action of Poisons on Fish, Absorption of Dyes by flowers, Action of poisonous flowers.*
Nevill, Hugh, Newton Villa, Godalming. *Orn.*
Nevill, W. James, Whaddon House, Burton, Somerset.
Nevins, Arthur E., F.R.A.S., 3 Abercromby Sq., Liverpool.
Nevins, Dr. John Birkbeck, 3 Abercromby Sq., Liverpool. *Bot., Sanitary Statistics.**
Nevinson, B. G., 19 Torrington Sq., London, W.C. *Ent.*
New, Roland, 39 Hamilton Sq., Birkenhead.
Newall, Robert Stirling, Ferndene, Gateshead-on-Tyne.
Newbould, Rev. W., Montague House, Kew Green, London. W.
Newcome, Francis D'A., W.C., Feltwell Hall, Brandon, Suffolk. *Orn.*
Newdigate, Albert Lewis, M.A., 25 Craven St., Charing Cross, London, W.C.
Newman, Frederick, Slinfold, Horsham.
Newman, T. P., Proprietor of the "Zoologist" (published by the Van Voorst, Paternoster Row), and of the "Entomologist" (published by Simpkin, Marshall & Co.,) London, 54 Hatton Garden, London, E.C. *Ent., Zool.**
Newmarch, William, Beech Holme, Nightingale Lane, Balham, London, S.W.
Newton, Alfred, M.A., Prof. Zool. and Comp. Anat., Univ. of Cambridge. Magdalen College, Cambridge. *Orn.*
Newton, Edwin T., Palæontologist to H.M. Geological Survey, Museum, Jermyn St., London, S.W.*
Nichols, George Benjamin, Handsworth, Birmingham.
Nicholson, Sir Charles, Bart., M.D., D.C.L., The Grange, Totteridge, London, N.
Nicholson, Cornelius, F.S.A., Ashleigh, Ventnor, Isle of Wight.

Nicholson, Francis, The Grove, Oldfield, Altrincham, Cheshire. *Orn.* C. Ex. or buy Motacillidæ and Javan and Sumatran skins, nests, and eggs, if properly identified.
Nicholson, George, Roy. Bot. Gardens, Kew, London, W. *Phan. Bot., Spec. Trees and Shrubs.* C. Ex.*
Nicholson, H. Alleyne, Regius Prof. Nat. Hist., Univ., Aberdeen, Scotland. *Nat. Hist., Palæo.**
Nickels, J. L., Nocturnm, Birkenhead,
Nicols, Arthur, 11 Church Row, Hampstead, London, N.W.
Nicolson, David, Wick, Scotland. *Bot.*
Niven, Charles, M.A., Prof. Math., Queen's Coll., Cork, Ireland. *Ast.*
Noble, Andrew, Jesmond Dene House, Newcastle-on-Tyne.
Noble, John, 50 Westbourne Terrace, Hyde Park, London, W
Noble, Capt. W., F.R.A.S., Burlington House, London. *Ast.*
Noble, W., F.R.A.S., Forest Lodge, Maresfield, Uckfield, Sussex. *Ast.*
Noble, Lieut.-Col. W. H., F.R.A.S., Royal Arsenal, Woolwich.
Noel, Ernest, Lydhurst, Warninglid, Haywards Heath.
Norgate, F., Sparkam Vicarage, Norfolk. *Ent., Orn.*
Norman, Rev. A. M., Rectory Burnmoor, Durham. *Crustacea, Moll.*
Norman, G., Cluny Hill, Forres, Scotland. *Hemipt.*
Norman, George Ward, Bromley, Kent.
Norris, Alfred, M.D., Birchfield, Birmingham. *Physiol.*
Norris, Richard, M.D., Birchfield, Birmingham. *Physiol.*
North, Frederic Wm., F.G.S., M. & C.E., Rowley Hall, Rowley Regis, Staffordshire, and 34 Clements Lane, Lombard St., London. *Civil and Mining Engineering, South African Coal-fields, and in the Midland Counties.**
North, S. W., M.R.C.S., F.G.S., 84 Micklegate, York. *Moll.* C. Ex.*
Northbrook, Thomas George Baring, Earl of, D.C.L., 4 Hamilton Pl., London, W.
Northcote, Right Hon. Sir Stafford Henry, London.
Northesk, Right Hon Earl of, 76 St. George's Sq., London, S.W.
Northwick, Lord, Northwick Park, Moreton-in-Marsh.
Norton, Henry, F.G.S., 21 Unthank's Road, Norwich.
Norwood, Rev. Thomas Wilkinson, Wrenbury Vicarage, Nantwich.
Nottidge, Thomas, Ashford, Kent. *Ent.*
Nowers, George P., M.A., Oxon, 284 Hagley Road, Birmingham. *Geol.**
Nunn, C. W., Hertford. *Mic.*
Nurse, C. G., Southgate Green, Bury St. Edmunds, Suffolk. *Lepid.*
Nuttall, R., Jr., 14 Westbourne Park Terrace, London, W. *Geol.*
Oakley, Christopher, 10 Waterloo Pl., Pall Mall, London, S.W.
Odling, William M. B., Prof. Chem., Univ. of Oxford, Museum, Oxford.
Ogilvie, A. Graeme, B.A., 20 Carlton Hill, St. John's Wood, London, N.W.
Ogilvie, W. M., Lockee, near Dundee, Scotland. *Bot.*
Ogilvie-Grant, W. R., British Museum, London, W.C. *Ichth., Lepid.**
Ogle, William, M.A., M.D., 10 Gordon St., Gordon Sq., London, W.C. *Bot., Ent.*
Oldham, Chas., 2 Warwick Villas, Chelmsford Road, Woodford, Essex. *Lepid.*
Oliver, Daniel, Prof. Bot., Univ. Coll., London, Royal Gardens, Kew.
Oliver, J. W., 271 St. Vincent St., Birmingham. *Phanerogams.**
Olliff, A. Sidney, 36 Mornington Road, Regent's Park, London, N.W. *British Colsopt. and Exotic Myriopods.*
Olsen, O. T., F.R.G.S., 40 Cleethorpes Road, Grimsby.
Oman, J. C., 2 Rutland Villas, Chase Side, Southgate, London, N. *Geol.*
Ommanney, Sir Erasmus, The Towers, Yarmouth, Isle of Wight, and United Service Club, London.

O'Mulrenin, R. J., The Weekly Freeman Office, Dublin, Ireland. *Agric.*
Ord, C. K., M.D., The Limes, Lewisham, London, S.E.
Ord, William Miller, M.D., 7 Brook St., Hanover Sq., London, W. *Crystal.**
Orde, Sir John, Bart., Kilmory House, Loch Gilp Head, N.B., Scotland. *Orn.*
O'Reilly, Prof. Royal College of Science, Dublin, Ireland. *Min.*
Ormerod, Miss Eleanor A., F.M.S., Dunster Lodge, Spring Grove, Isleworth. *Economic Ent.*
Ormerod, George W., M.A., Woodway, Teignmouth.
Ormerod, Henry Mere, Clarence St., Manchester.
Osborne, John Allen, M.D., Milford, Letterkenny, Co. Donegal, Ireland. C. Ex. *Gen. Biol., Emb. of Invert., Ent.: Coleopt.* C. Ex.*
Osler, Follett, F.R.S., Edgbaston, Birmingham. *Meteo.*
Ovendon, J., 42 Temple St., Stroud, Kent. *Ent.*
Overstone, Lord, 2 Carlton Gardens, London, S.W., and Overstone Park, Northampton.
Owen, Richard, C.B., M.D., D.C.L., LL.D., F.R.S., F.L.S., Assoc. de l'Instit. de France, Superintendent of the Natural History Departments, British Museum, Sheen Lodge, Richmond Park, East Sheen, London, S.W.
Owen, Major Samuel, R.J., Assoc. King's College, London.
Packe, Charles, Stretton Hall, Leicester.
Page, Julius, 63 South St., Greenwich, London, S.E. *Mic.*
Pagen, John Fletcher, Port View, Saltash, Cornwall.
Paget, George E., M.D., Prof. of Physics in Univ. of Cambridge, Cambridge.*
Paget, Sir James, F.R.S., 1 Harewood Pl., Hanover Sq., London, W.*
Paine, William Henry, M.D., Stroud, Gloucestershire.
Palmer, Thomas, Homeleigh, Lower Camden, Chislehurst. *Mic.*
Parish, Hawtayne M., Ashfield House, Mount St., Taunton, Somersetshire (to be forwarded to India). *Lepid., Coleopt.* C. Ex.*
Parish, Sir Woodbine, K.C.H., F.R.S., Quarry House, St. Leonards-on-Sea.
Parke, George Henry, F.L.S., F.G.S., Infield Lodge, Furness Abbey, Lancashire. *Recent and Fossil Moll. and Echinoderms.* C. Ex. British for foreign spec.
Parker, Charles J., M.A., Upton Cheney, Bristol. *Phæn. Bot., Hort., Agric.* C. Ex.*
Parker, Major Francis George Shirecliffe, F.G.S., F.R.G.S., A.S.C.L., Westbere House, near Canterbury, Kent.*
Parker, James, M.A., Oxford. *Geol., Arch.*
Parkin, Thomas, M.A., Science Club, 4 Savile Row, London, W. *Orn.**
Parkinson, James, F.C.S., 124 Holland Road, Kensington, London, W.
Parkinson, Rev. Stephen, D.D., St. John's College, Cambridge.
Parry, Major F. J. Sidney, London. *Ent.*
Parry, T. S., Castlebar Hill, Ealing, London, W.
Parsons, H. Franklin, M.D., Local Government Board, Whitehall, London, S.W.
Parsons, R. Mann, Hydevale, Blackheath, London, S.E.
Parsons, William, Sergeant R. E., Ordnance-Survey Office, 46 St. George's Road, London, S.W.
Parsons, W. E., 68 Pevensey Road, Eastbourne, London. *Lepid.*
Parton, Thomas, Gordley House, Dudley Road, West Bromwich.
Pascoe, Francis P., Burlington Road, Westbourne Park, London, W. *Ent.*
Paterson, James, Palmyra Sq., Warrington.

Paton, James W., F.L.S., Curator of Industrial Museum, Kelvingrove Park, Glasgow, Scotland. *Bot., Chem.**
Paton, M., 11 Thread St., Paisley, Scotland. *Lepid.*
Pattenden, R., 11 Castle St., Finsbury, London. *Lepid.*
Patterson, R. Lloyd, Belfast, Ireland. *Orn.*
Pattinson, John, F.I.C., 75 The Side, Newcastle-on-Tyne. *Analyt. Chem.**
Pattison, S. R., 11 Queen Victoria St., London, E.C.
Paul, F. P., Rodney St., Liverpool. *Phys., Mic.*
Paul, John Dennis, Regent Road, Leicester. *Geol.*
Paull, Joseph M., 2 St. George's Terrace, Stonehouse, Plymouth.
Pavy, Frederick W., M.D., Lecturer on Physiol., Comp. Anat., and Zool., Guy's Hospital, 35 Grosvenor Street, London, W.
Payne, G., Jr., 25 High St., Sittingbourne.
Peace, Maskell W., F.G.S., Law Clerk and Sec. to Mining Assoc. of Gt. Britain, 6 Strand, London, and to South Lancashire and Cheshire Coal Assoc., Ashfield, Wigan.*
Peach, Benjamin N., Geological Survey of Scotland, Geological Survey Office, Sheriff Court Buildings, Edinburgh, Scotland.
Peacock, R. A., 41 Osborne Road, Tollington Park, London, N. *Steam, Volcanoes, and Earthquakes.*
Peacock, T. Bevill, M.D., 20 Finsbury Circus, London, E.C.
Peacock, William Harrison, 3 Victoria Crescent, Barnsley.
Peal, C. N., Fernhurst, Mattock Lane, Ealing, London, W. *Diatomaceæ, Polyzoa, Echinodermata, Invert. Palæo, esp. Corals.**
Pearce, Horace, F.G.S., F.L.S., The Limes, Stourbridge, Worcestershire. *Geol., Bot, Arch.* C.*
Pearce, Joseph Chaning, M.D., The Manor House, Brixton Rise, London, S.W.
Pearce, W. G., Bath. *Lepid.*
Pearson, Sir Edwin, M.A., Wimbledon.
Pearson, G., 16 Shakespeare Road, South Hackney, London. *Lepid.*
Pease, Thomas, Cote Bank, near Bristol.
Peckover, Algernon, Wisbech, Cambridgeshire.*
Peckover, Alexander, Bank House, Wisbech, Cambridgeshire.*
Pengelly, William, F.R.S., Lamorna, Torquay.
Pennington, Rooke, LL.B., Castleton, Derbyshire.
Penny, Rev. C. W., M.A., F.L.S., Wellington College, Wokingham, Berks.*
Penrose, F. C., F.R.A.S., Coleby Field, Wimbledon, S.W. *Ast.*
Penrose, John F., Parkhenver, Redruth.
Penton, Edward, Jr., 51 Charlotte St., Fitzroy Sq., London, W.
Peppe, T. F., F.L.S., Claremont Villa, Cottenham Park, Wimbledon, Surrey. Indian address: Arrah Shahabad, India. *Bot., Agric.* C. Ex.*
Percy, Dr. John, F.R.S., 1 Gloucester Crescent, Hyde Park, also Houses of Parliament, London. *Metallurgy of Iron, Steel, Gold, and Silver.* C. Wishes to correspond with collectors.
Perkin, William Henry, The Chestnuts, Sudbury Harrows.
Perkins, V. R., 54 Gloucester St., South Belgravia, London, W. *Ent.*
Perry, Rev. Jevon J. M., F.R.A.S., St. Paul's Vic., Alnwick, Northumberland. *Ast.*
Perry, Stephen Joseph, Dir. Stonyhurst Coll. Observatory, Whalley. *Terrest. Mag., Solar Phys.*
Perry, Sir Thomas Erskine, B.A., 36 Eaton Pl., London, S.W.
Pershouse, Francis, Jr., Tor Mohun House, Torquay. *Orn.* C*
Petrie, Capt. Francis W. H., 11 Gloucester Terrace, Campden Hill, Kensington, London, W.*

Petrie, W. Flinders, Bromley, Kent. *Metrology.*
Pettigrew, James Bell, M.D., F.R.S., Prof. Med. and Anat., Univ. of St. Andrews, Scotland. *Anat., Physiol., Physics.**
Peyton, John E. H., F.R.A.S., F.G.S., 1 Uplands, St. Leonards-on-Sea. *Palæo., Geol., Phys., Ast., Arch.**
Peyton, Rev. W. W., Hill St., Rock Villa, Broughty Ferry, Scotland. *Geol., Bot., Min.*
Phear, Rev. Samuel George, D.D., M.A., Master of Emmanuel College, Cambridge.
Phené, J. S. LL.D., 5 Carlton Terrace, Oakley St., London, S.W. *Arch., Anth., Geol.* C.
Philips, Henry Louis, 28 Brownswood Park, South Hornsey, London, N.
Philips, T. Winhart, Mem. Phys. Soc., Prof. Nat. Phil., Bow and Bromley Institute, Bow Road, London. *Nat. Phil., Electricity.*
Phillips, J. Arthur, F.R.S., M.I.C.E., F.C.S., F.G.S., 18 Fopstone Road, Kensington, London. *Mining, Geol.**
Phillips, William, Canonbury, Kingsland, Shrewsbury. *Mycology: Discomycetes.* C. Ex. Brit. species for those of any other country.
Philpot, The Ven. Archdeacon B., Mona Lodge, Oak Hill, Surbiton, Surrey.
Phipson, Arthur, 3 Gray's Inn Sq., London, W.C. *Ent.*
Pickup, Peter, Towneley Colliery, Burnley, Lancashire.
Pidgeon, D., F.L.S., Holmwood, Putney Hill, London, S.W.
Piesse, C. H., Analytical Laboratory, Lyon's Inn Chambers, 303 Strand, London, W.C. *Chem.*
Pigott, G. W. Royston, M.A., M.D., Annandale, Eastbourne, Sussex. *Ent.*
Piggott, F. T., M.A., 1 Mitre-court Buildings, Temple, London, E.C.
Pim, H. Bedford, Leaside, Kingswood Road, Upper Norwood. *Ent., esp. Brit. Coleopt.* C. Ex.
Piper, George H., F.G.S., Court House, Ledbury, Herefordshire. *Geol., Palæo., Arch.* C.*
Pitt-Rivers, Maj.-Gen. A. Lane Fox, 4 Grosvenor Gardens, London, S.W.*
Plant, James, 40 West Terrace, West St., Leicester. *Geol., Phys.* C.*
Plant, Capt. John, Superintendent of the Royal Museum and Library, Peel Park, Salford, Manchester.
Plant, Robert, Cheadle Park, Cheadle, Stoke-on-Trent.
Playfair, Lyon, Rt. Hon., LL.D., 68 Onslow Gardens, London, S.W.
Plews, Henry T., Bedale, Yorkshire.
Plowright, Charles B., M.R.C.S., 7 King St., King's Lynn. *Fungology.**
Plummer, John I., M.A., Orwell Park Obs., Ipswich. *Ast.*
Plunkett, Thomas, Enniskillen, Ireland. *Geol., Arch.*
Pode, John D., Slade Hall, Ivy Bridge, Devon. *Antiquarian.*
Poland, J., F.R.C.S., Eliot Vale, Blackheath, London, S.E.*
Pole, William, F.R.S., Athenæum Club, London, S.W. *Mech. Science.*
Polwhele, Thomas Roxburg, M.A., Polwhele, Truro, Cornwall.
Ponsonby, J. H., 16 St. James' St., London, S.W. *Moll.* C. Ex.*
Pontifex, Captain, 9 Pavilion Square, Scarborough. *Geol.*
Pooley, Charles, F.R.C.S., F.S.A., 1 Raglan Circus, Weston-super-Mare.
Pope, William J., Brook Hill Park, Plumstead, Kent.
Poppleton, Richard Dickon, Leather Market, Bermondsey, London, S.E.
Porritt, George T., Huddersfield. *Ent.*
Porter, Rev. J. R., B.A., Wartling Vicarage, Hastings.
Potter, Edmund, 64 Queen's Gate, South Kensington, London, S.W.
Potter, Frederick Antony, B.Sc., Nagasaki, Japan, and 88 Tower Hill, London, E.C
Potter, George, 42 Grove Road, Upper Holloway, London, N. *Mic.*

Potter, Joseph, 6 Chilterne Road, Bow, London, E. *Lepid.*
Potter, R. S., 2 Vernon Road, Bow, London, E. *Lepid.*
Potter, William Auboné, Cramlington House, Northumberland.
Potts, J., 6 Blenheim Terrace, Norfolk St., Hull. *Lepid.*
Poulton, Edward B., M.A., F.G.S., Wykeham House, Oxford.*
Powell, Hugh, 170 Euston Road, Euston Sq., London, N.W. *Mic.*
Power, Hy. d'Arcy, 109 Camberwell, New Road, London, S.E. *Ent.*
Power, Dr. I. A., Burton Crescent, London, W.C. *Ent.: Coleopt.*
Powrie, James, Reswallie, near Forfar, Scotland.
Pratt, David, 398 Mile-end Road, London, E. *Lepid.*
Pratt, Henry, F.R.A.S., 18 Preston St., Brighton. *Ast., Horology, Spectroscopy.**
Preece, W. H., Gothic Lodge, Wimbledon Common, London. *Elect.*
Prest, W., 13 Holgate Road, York. *Lepid.*
Preston, Rev. T. A., M.A., The Green, Marlbourgh, Wilts. *Ent., Bot., Meteo.**
Preston, Lawrence, Wickwar, Charfield, Gloucestershire.
Prestwich, Joseph, M.A., Professor of Geology in the University of Oxford, 34 Broad St., Oxford. *Geol. (Quaternary or Tertiary).*
Price, Bartholomew, M.A., Prof. Nat. Phil., Pembroke Coll., Oxford. *Math., Phys.*
Price, David, 48 West St., Horsham, Sussex. *Ent.*
Price, F. G. H., 29 Weymouth St., Portland Pl., London, W.
Price, John E., 60 Albion Road, Stoke-Newington, London, N.
Price, T. Jones, B.A., Pencoed, near Bridgend, Wales.
Price, Capt. W. E., Tibberton Court, near Gloucester.
Priddey, T., Brighton Road, Croydon. *Lepid.*
Priest, A. W., 16*a* Merton Road, Stanford Road, Kensington, London. *Lepid.*
Prince, Charles Leeson, M.R.C.S., L.S.A., F.R.A.S., F.M.S., The Observatory, Crowborough, Tunbridge Wells. *Ast., Meteo., Photog., Arch.**
Prior, Charles M., The Avenue, Bedford, and Trinity Hall, Cambridge. *Orn.*
Prior, Richard C. A., M.D., F.L.S., 48 York Terrace, Regent's Park, London, N.W. *Phæn. Bot. C.**
Pritchard, Andrew, F.R.S.E., 87 St. Paul's Road, Highbury, London. *Zool.*
Pritchard, B., Frankwell Nursery, Shrewsbury. *Lepid.*
Pritchard, Rev. Charles, M.A., F.R.S., F.R.A.S., Savilian Professor of Ast., Univ. of Oxford, 8 Keble Terrace, Oxford.
Pritchard, Ed., C.E., F.G.S., 27 Great George St., London, S.W., and 37 Waterloo St., Birmingham. *Civil and Sanitary Engineer.**
Pritchard, H. B., Chemical Dept., Royal Arsenal, Woolwich, London, S.E. *Chemistry.*
Pritchard, Urban, M.D., 3 George St., Hanover Sq., London. *Histol. of Internal Ear.*
Proctor, Richard A., B.A., 76 Warwick Gardens, Kensington, W. *Ast.*
Propert, W, Peregrine, LL.D., M.A., The Cross House, St. David's, Pembrokeshire.
Prouse, Oswald Milton, Assoc. M. Inst. C.E., Westbourne House, Shaftesbury Road, Hammersmith, London, W.
Prout, Rev. Thomas J., Christ Church, Oxford.
Provis, Edward, M.A., Worcester St., Bromsgrove.
Provis, T. B., Camborne. *Min.*
Pryor, Joseph, Trefula House, Redruth.
Puleston, John H., Westminster Palace Hall, London, S.W. *Mic.*

Purdue, John, Ridgeway, Plympton, Devon. *Coleopt., Lepid.*
Purser, John M., M.D., Trinity Coll., Dublin, Ireland. *Physiol.*
Pye, W., Knight's Palace, Cobham, Gravesend. *Geol.*
Pyrke, D., Jr., 26 Clarence Sq., Cheltenham.
Quain, Richard, 32 Cavendish Sq., London, W.
Quain, Richard, M.D., 67 Harley St., London, W.
Quilter, H. E., 31 Tivycross St., Leicester. *Geol.*
Radcliffe, Charles Bland, M.D., 25 Cavendish Sq., London, W.
Radford, William, M.D., Sidmouth. *Mic.*
Rae, John, M.D., LL.D., 4 Addison Gardens, Kensington, W.
Raine, Rev. Canon, M.A., York. *Arch.*
Raisin, Miss C. A., 154 Camden St., London, N.W. *Geol.*
Ralfs, John, Penzance. *Bot.: Hepaticæ.*
Ramsay, Alexander, F.G.S., etc., Conductor Scientific Roll, 6 Kent Gardens, Ealing, London, W. *Phys. Geog., Met., Zool.* Will ex. Sci. Roll with Societies and Authors for their publications.
Ramsay, Prof. Andrew C., LL.D., F.R.S., Dir.-General of the Geol. Surv. of the United Kingdom Museum, Jermyn St., London, S.W.
Ramsay, Capt. R. G. Wardlaw, 74th Highlanders, Whitehill, Rosewell, Scotland. *Orn.* C. Ex. Indian, Malay, Sumatra, or Phillipine Island birds.
Ramsden, H., M.A., Forest Rise, Walthamstow, Essex, London, N.E. *Mic.*
Randell, Frank E., Newlands, Preston Park, Brighton.
Randell, James S., Rudloe Lodge, Corsham, Wilts.
Ransom, William Henry, M.D., The Pavement, Nottingham. *Ent.*
Ransome, Arthur, M.D., M.A., 1 St. Peter's Sq., Manchester. *Physiol.*
Ranyard, A. C., 25 Old Sq., Lincoln's Inn, London. *Ast., Solar Phys.*
Rathbone, Edgar P., The Nunnery Colliery Co., New Haymarket, Sheffield.
Rattray, Richard, Balfour St., Dundee, Scotland. *Mic.*
Rawlinson, Sir Henry Creswicke, K.C.B., D.C.L., Athenæum Club, London, S.W.
Rawson, Herbert E., The Vicarage, Bromley Common, Kent. *Orn.*
Rayleigh, Prof. John W. S., Lord, M.A., 5 Salisbury Villas, Cambridge. *Phys.*
Reade, T. Mellard, C.E., Park Corner, Blundellsands, near Liverpool. *Geol.**
Readwin, T. A., Manchester. *Min.*
Redfern, Peter, M.D., Prof. Anat. and Physiol, 4 Lower Crescent, Belfast, Ireland.*
Redhead, R. M., Springfield, Seedley, Manchester.
Reed, Sir Edward James, K.C.B., Hextable, near Dartford, Kent.
Reed, J. T. T., Ryhope, Sunderland. *Orn., Ool.* Ex. eggs and skins.*
Reed, William, Great Blake St., York.
Reeks, Henry, Manor House, Thruxton, near Andover, Hants. *Ent.*
Rees, George Owen, M.D., Albemarle St., London, W.
Reid, Clement, Geological Survey of England, Museum, Jermyn St., London, S.W.
Reid, Saville G., Capt. R.E., 14 Medway Villas, New Brompton. *Orn.*
Reid, William, Naturalist, Wick, Scotland.*
Rennie, James, 9 Motcombe St., Belgrave Sq., London, S.W.
Reinold, Prof. Arnold W., M.A., Royal Naval College, Greenwich. *Phys.*
Renshaw, Alfred George, 5 Raymond Buildings, Gray's Inn, London, W.C.

Renshaw, C. Bine, Glenpatrick, Paisley, Scotland.
Rey, Rev. Clement, Ashby Parva, Lutterworth, Leicestershire. *Meteo.*
Reynolds, J. Emerson, M.D., Prof. Chem., Trinity College, 62 Morehampton Road, Dublin, Ireland.
Reynolds, John Russell, M.D., 38 Grosvenor St., London, W.
Reynolds, Osborne, M.A., F.R.S., Prof. of Engineering, Owen's College, Manchester. *Phys.**
Rhys, Leyson, Aberdare, Wales.
Rich, Wm., Redruth. *Min.*
Richards, Rev. Walter John Bruce, D.D., St. Mary's, Westmoreland Road, Bayswater, London. *Astronomy and Physics.**
Richards, W. Phelps, The Poplars, Shepherd's Bush, London, W.
Richardson, Benjamin Ward, M.D., 12 Hinde St., London, W.
Richardson, Christopher T., M.D., 13 Nelson Crescent, Ramsgate.
Richardson, C. W., St. John's Grove, Wakefield. *Ent.*
Richardson, John, M. Inst. C.E., Methley Park, Leeds.
Richardson, Joshua, M. Inst. C.E., Neath, Glamorganshire, Wales.
Richardson, J. W. H., 27 East Parade, Leeds.
Richardson, Richard, Rhayader, Radnorshire, Wales.
Ricarde-Seaver, Major F. Ignacio, F.R.S.E., F.G.S., Assoc. Inst. C.E., Conservative Club, St. James St., London, S.W. *Min., Chem., Elect., Phys.**
Rickards, Rev. M. S. C., M.A., Merton College, Oxford.
Ricketts, Charles, M.D., 22 Argyle St., Birkenhead.
Riddell, Charles J. B., Oaklands, Chudleigh, Devonshire.
Ridgway, J. A., F.R.A.S., Beverley. *Bot., Geol.*
Riding, W. S., 36 Euston Sq., London, N.W. *Lepid.*
Ridley, G., 2 Medina Mews, Hove, Brighton. *Lepid.*
Ridley, Henry N., M.A., British Museum, S. Kensington, London. *Bot.*
Ridley, Stuart O., M.A., British Museum, S. Kensington, London. *Corals and Sponges.*
Ridsdale, Edward L. J., Royal Mint, Tower Hill, London, E.
Riley, E., 14a Finsbury Sq., London, E.C.
Rimmer, R., 12 Westbourne Crescent, Hyde Park, London, W.
Ripon, Marquis of, K.G., D.C.L., F.R.S., F.L.S., 1 Carlton Gardens, London, S.W.
Rivers, Major-Gen. Fox Pitt Rivers, Rushmore, Salisbury, and 4 Grosvenor Gardens, London. *Anth., Arch.* Pres. Anth. Inst. of Great Britain. C. Ex.
Robarts, N. F., Rosebrae, Glengall Road, Woodford, Essex. *Geol.*
Robert des Ruffières, Charles, 68 Belsize Park Gardens, South Hampstead, London, N.W.
Roberts, George, Lofthouse, near Wakefield, Yorkshire. *Phæn. Bot., Geog. Dist., Migration of Animals, Orn., Chem., Ast., Mic.**
Roberts, Isaac, F.G.S., F.R.A.S., Kennessee, Maghull, near Liverpool. *Geol., Inorg. Chem., Ast., Mic.**
Roberts, John, M.E., M.M.S., Llewelyn Terrace, Llanrwst, North Wales. *Palæo., Geol., Min, Crystal., Lithol., Eth., Philol.* C. Ex.*
Roberts, R. D., D.Sc., M.A., F.G.S., Clare College, Cambridge. *Phys. Geog., Geol.*
Roberts, Samuel, M.A., 126 Tuffnell Park Road, Holloway, London, W.
Roberts, William, M.D., 89 Mosley St., Manchester.
Roberts, William Chandler, Chemist of the Royal Mint, Royal Mint, Tower Hill, London, E.
Roberts, Rev. W. W., Brackley, Erith, Kent.
Robertson, David, F.L.S., F.G.S., Glendale, Uddington, Scotland. *Nat. Hist., Geol.* C. Ex. in Ostracoda and Foraminifera.*
Robertson, J. Cooper, Angus, Scotland. *Ast.*

Robertson, William, Wick, Scotland.
Robinson, Augustin, Lavant House, Chichester.
Robinson, Charles, Springfield Lane Sulfer, Manchester. *Geol., especially of the coal formations.*
Robinson, Henry, 7 Westminster Chambers, Victoria St., London, S.W.
Robinson, F. E., 10 Little Clarendon St., Oxford. *Ent.*
Robinson, John, Kingscote, East Grinstead.
Robinson, Robert, 2 West Terrace, Darlington.
Robinson, Sir Robert Spencer, 61 Eaton Pl., London, S.W.
Robinson, Thomas R., D.D., F.R.S., M.R.I.A., Observatory, Armagh, Ireland. *Ast.*
Robinson, Thomas W. U., Houghton le Spring, Durham. *Prehistoric Arch.* C. Ex. for stone and flint implements from Ireland.
Robinson-Douglas, F. L. S., Orchardton, Castle Douglas, Scotland. *Lepid.*
Robson, Geo., 92 Cranbourne St., Leicester. *Bot.* Ex.
Robson, John E., Ed. "Young Naturalist," 15 Northgate, Hartlepool. *Lepid.* C. Ex.*
Rodwell, Geo. F., Science Master in Marlborough College, Wiltshire. *Chem., Phys., Min.* C. of volcanic minerals. Ex.*
Roebuck, William Denison, Sunny Bank, Leeds. *Brit. Mam., Reptilia, and Hymenop.*
Rogers, George, M.D., 6 Portland Sq., Bristol.
Rogers, Col. Henry T., Royal Engineers, 24 Bassett Road, Notting Hill, London, W. *Ast., Optics.*
Rogers, T., Selmeston House, Thurlow Park Road, West Dulwich.*
Rogers, Thomas, 27 Oldham Road, Manchester. *Bot.* C. British Ferns, foreign shells, and British Corals.
Rogers, Wm., Ph.D., Rosemill, near Dundee, Scotland. *Agric. Chem.**
Rolleson, J. F. L., St. Peter's Terrace, Leicester.
Rollit, Albert K., LL.D., B.A., D.C.L., F.R.A.S., F.Z.S., Thwaite House, Cottingham, near Hull. *Phys., Elect., Zool., Hort.**
Rollo, Lord, M.A., F.S.A., Duncrub House, Perthshire, Scotland.
Rolph, R. L., Grosvenor Rise East, Waltham, Essex. *Lepid.*
Romanes, Geo. J., M.A., F.R.S., 18 Cornwall Terrace, Regent's Park, London, N.W. *Physiol., Psychol.*
Romilly, The Hon. Edward, F.L.S., 6 Atherstone Terrace, Gloucester Road, London, S.W.
Rooper, George, 20 Hyde Park Sq., London, W. *Zool.*
Roper, Freeman Clark Samuel, F.L.S., F.G.S., Palgrave House, Eastbourne, Sussex. *Bot.* C.
Rorie, James, M.D., Royal Lunatic Asylum, West Green, near Liff, Dundee, Scotland. *Con., Physiol., Psychol., Nat. Hist.**
Roscoe, Henry Enfield, LL.D., Prof. of Chem., Owen College, Manchester.
Rose, H. Cooper, M.D., F.L.S., Hampstead, London, N.W.
Rosie, Peter, Dempster St., Pulteneytown, Scotland. *Bot.*
Ross, Alexander, Riverfield, Inverness, Scotland.
Ross, C. C., Penzance. *Min.*
Ross, J. Carne, 12 Chalmers St., Edinburgh, Scotland.
Ross, Captain G. E., Waterside, St. Alban's. *Geol.*
Ross, Rev. Wm., F.S.A.S., M.R.I.A., etc., Ivy Bank, Rothesay. *Arch., Philol., Celtic Philology and literature of the Gaidheal.* C.
Rosse, Laurence P., Earl of, D.C.L., Birr Castle, Parsonstown, Ireland.
Rothera, G. B., Waverly St., Nottingham. *Ent., Biol.*
Routh, Edward J., St. Peter's College, Cambridge.
Routledge, Thomas, C.E., F.L.S., F.G.S., Claxeugh, Sunderland. *The Botany and Treatment of Fibres for Paper-making.* C.

Rowbotham, Geo. W., 25 York St., Manchester. *Palæo.*
Rowe, W. L., Devon and Cornwall Bank, Redruth. *Min.*
Rowe, I. Brooking, Lockyer St., Plymouth. *Lepid.* C. Ex.
Rowland-Brown, H., West Walton Rectory, Wisbeach. *Lepid.*
Roxburgh, T. J., 120 Harlow St., Liverpool. *Lepid.*
Roxburgh, William, M.D., Crick Road, Oxford.
Roy, John, 3 Loanhead Pl., Aberdeen, Scotland. *F. W. Algæ (not including Diatoms), Desmidiæ.* C. Ex. Would prefer specimens preserved in Acetate of Potash, or otherwise; but, if possible, not dry.
Royston, Pigott George West, M.D., Annandale, Eastbourne, Scotland.
Rudler, Frederick William, Curator of the Museum of Practical Geology, and Honorary Dir. of the Anth. Inst. of Great Britain and Ireland, 28 Jermyn St., London, S.W. *Geol., Min., Anth.**
Rue, Dr. Warren de la, F.R.S., 110 Bunhill Row, London, E.C. *Chem.*
Rumble, T. W., The Cottage, East Hill, Wandsworth, London, S.W.
Ruskin, John, M.A., Denmark Hill, Camberwell, London, S.E.
Russell, Rt. Hon. Lord Arthur John Edward, 10 South Audley St., London, W.
Russell, J., 6 Leverton St., Kentish Town, London, N.W. *Lepid.*
Russell, Robert, Geological Survey of England, Museum, Jermyn St., London, S.W.
Russell, William H. Leighton, A.B., 5 Ridgmount Terrace, Highgate, London, W.
Russell, Wm. J., Lect. on Chem., Medical School of St. Bartholomew's Hospital, 34 Upper Hamilton Terrace, London, W.
Rutherford, David Greig, F.L.S., Surrey House, Forest Hill, London, S.E. *Lepid.*
Rutherford, William, M.D., F.R.S., Prof. Physiol., The University, Edinburgh, Scotland.*
Rutley, Frank, Geol. Surv. of England, 28 Jermyn St., London, S.W. *Petrol., Freestones and Vitreous Rocks.*
Ryder, E. H., 20 Hammers Terrace, Guilford Road, Greenwich. *Coleopt.*
Rye, Edward C., F.R.G.S., Parkfield, Putney, London, S.W. *Ent.*
Rylands, Thomas Glazebrook, Highfields, Thelwell, near Warrington.
Sabine, General Sir Edward, 13 Ashley Pl., Westminster, London, S.W. *Meteo.*
Sack, Hermann, B.A., Ph.D., 47 Larkhall Lane, Clapham, London, S.W. *Geol.*
Sadler, Herbert, 32 Manor St., Clapham, London, S.W. *Ast.*
Safford, John Burham, 5 Park Pl., St. James, London, W.
Safford, Samuel Sutherland, Parkshot, Richmond, Surrey. *Genealogy and Heraldry.**
Sainter, Joseph Denby, Macclesfield.
Saise, Walter, Richmond Cottages, Coburgh Road, Montpellier, Bristol. *Chem.*
Salisbury, Robert Arthur Talbot Gascoigne-Cecil, Marquis of, Hatfield House, Hatfield, Herts.
Salkeld, Lieut.-Col. J. C., 29 St. James St., London, W. *Geol.*
Salmon, Rev. George, D.D., D.C.L., Trinity College, Dublin, Ireland.
Salmon, William, 3 South Vale, Blackheath, London, S.E.
Salomons, Sir David L., Bart., Broomhill, Tunbridge Wells.
Salter, S. J. A., M.B., Basingfield, near Basingstoke, Hants.
Salvage, T. W., Innerhadden, Kinloch Rannock, Perthshire Scotland. *Lepid.*
Salvin, Osbert, M.A., Brooklands Ave., Cambridge. *Orn.*
Salway, R. E., 9 Davies St., Berkeley Sq., London, W. *Lepid.*

Sandeman, Col., 24 Cambridge Sq., London, W.
Sandeman, David, Woodlands, Lenzie, Scotland. *Geol.* C.*
Sanders, Alfred, care Mrs. Jordan, Milton, Sittingbourne.
Sanders, Gilbert, Albany Grove, Monkstown, Co. Dublin, Ireland. *Marine Bot., Con., Corals* of Brit. shores. C. Ex. Marine Algæ.
Sanders, G. S., St. Stephens, Canterbury, Kent. *Ent.*
Sanders, Rev. Samuel J. W., M.A., The Grammar School, Northampton.
Sanderson, J. S. Burdon, M.D., Prof. of Physiol. in University College, 26 Gordon Sq., London, W.C.*
Sanford, William Ayshford, Nynehead Court, Wellington, Somerset.
Sang, John, 6 Chestnut St., Darlington. *Lepid.*
Saunders, E., Holmesdale, Wandle Road, Upper Tooting, London, S.W. *Ent.*
Saunders, Edwin, 13*a* George St., Hanover Sq., London, W.
Saunders, Howard, 7 Randor Pl., Hyde Park, London, W. *Orn.*
Saunders, J. E., F.G.S., 9 Finsbury Circus, London, C.E.
Saunders, Sir Sidney S., Gatestone, Central Hill, Upper Norwood, London, S.E. *Ent.*
Saunders, William Wilson, F.R.S., Raystead, Worthing. *Ent.*
Savile, A. G., B.A., Grosvenor School, Waterloo Crescent, Nottingham.
Savin, Alfred, Cromer. *Geol.*
Savory, William S., M.B , 66 Brook St., London, W.
Sawyer, George D., 55 Buckingham Pl., Brighton. *Mic.*
Scamell, George, 18 Great George St., London, S.W.
Scarth, W. T., Raby Castle, Staindrop, Darlington.
Schäfer, Edward A., Ass't Prof. Physiol., University College, London, Boreham Wood, Elstree, Herts.
Scharff, Robert, 17 Warrender Park Road, Edinburgh, Scotland. *Geol.*
Schoolbred, James N., B.A., C.E., 3 Westminster Chambers, Victoria St., London, S.W. *App. of electricity to power, lighting, etc.*
Schorlemmer, Prof. Carl, Organic Chem., Owen's College, Manchester.
Schunck, Edward, Ph.D., F.R.S., Oaklands, Kersall, Manchester. *Chem., Chlorophyll.*
Schuster, Arthur, Ph.D., Sunnyside, South Hampstead, London, N.W.
Sclater, Philip Lutley, Ph.D., M.A., Secretary of the Zoological Society, 11 Hanover Sq., London, W. *Zool., Orn.* C. Ex. Desires bird-skins from S. Am. with exact localities.*
Sclater-Booth, Right Hon. George, 74 St. George's Sq., London, S.W.
Scott, A., M.A., St. John's Coll., Cambridge.
Scott, Sir Arthur, Bart., 97 Eaton Sq., London, W. *Ent.*
Scott, Henry Y. D., Sunnyside, Ealing, Middlesex.
Scott, John, 1 St. Mildred's Terrace, Bromley Road, Lee, London, S.E. *Hemipt.*
Scott, Robert Henry, M.A., 116 Victoria St., London. *Meteo.*
Scowcroft, W. R., Quarry House, Ormskirk, Lancashire. *Lepid.*
Seabroke, G. M., F.R.A.S., Obs., Rugby. *Ast.*
Seal, Stephen, Coxbench House, Darfield, Barnsley.
Search, C. G., Dorking, Surrey. *Min.*
Searll, H., Rook St., Ashton-under-Lyne, Lancashire. *Bot.* Ex
Sedgwick, Adam, Trinity College, Cambridge. *Comp. Anat.*
Seebohm, Henry, 6 Tenterden St., Hanover Sq., London, W. *Orn.*
Seeley, Harry Govier, F.R.S., F.L.S., Prof. Geol., King's College, London, 14 Oppidans Road, Primrose Hill, London, N.W. *Geol.*
Segniera, J. T., M.D., F.R.S., Leman St., London, E. *Lepid.*
Selborne, Roundell Palmer, Lord, 30 Portland Pl., London. W.
Selkirk, Earl of, St. Mary's Isle, Kirkcudbright, Scotland.

Semmour, William, 57 Grace Church St., London, E.C. *Min., Geol.* C. Ex. English metallic ores and rocks for Am. minerals or rocks.
Serocold, Charles Pearce, Taplow Hill, Maidenhead.
Service, Robert, Sec. of the Dumfriesshire and Galloway Nat. Hist. and Antiq. Soc., Maxwelltown, Dumfries, Scotland. *Orn.* C. Ex. Scottish bird-skins and eggs offered for any foreign ones.*
Sewell, Edward, M.A., Methven College, Grange, Carnforth, Scotland.
Seyton, Charles Smith, C.E., Preston Lodge, Walton-on-Thames.
Shadbolt, George, Beechcroft, Camden Park, Chiselhurst, Kent.
Shadwell, Sir Charles F. A., Meadow Bank, Melksham, Wilts.
Shadwell, J. L., 4 Kent Gardens, Castle Hill, Ealing. *Lepid.*
Shakespear, Lieut.-Col. J. D., Science Club, 4 Savile Row, London, W.
Sharp, David, Eccles House, Thornhill, Dumfriesshire, Scotland. *Coleopt.* C.
Sharp, H., 37 Union St., Portland Pl., London. *Lepid.*
Sharp, John, Culverdon Hill, Tunbridge Wells.
Sharp, Samuel, F.S.A., Great Harrowden Hall, near Wellingborough.
Sharp, William, F.R.S., F.G.S., M.D., Rugby, Warwickshire. *Medicine.**
Sharp, William E., New Ferry, Cheshire. *Lepid., Coleopt.* C.*
Sharpe, Richard B., Senior Assistant, Zoological Department, British Museum, London. *Orn.*
Shaw, F. W., Saville St., Wakefield. *Hymenop.*
Shaw, George, 37 Temple St., Birmingham.
Shaw, John, M.D., F.L.S., Hop House, Boston, Lincolnshire.
Shaw, John W., Lawefield Terrace, Lawefield Road, Westgate, Wakefield. *Bot.: Ferns, Mosses, Hymenop.* C. Ex.*
Sheibner, Charles Preller, Ph.D., F.C.S., 9 Charles St., Grosvenor Sq., London, W.
Sheldon, W. G., 46 Kealeston St., Derby. *Lepid.*
Shelford, William, M.Inst.C.E., 35*a* Great George St., London, S.W.
Shelley, George E., Capt., late Grenadier Guards, 6 Tenterden St., Hanover Sq., London, W. *African Orn., Butterflies and Beetles generally, and British Moths.* C. Ex. a large number of dups. for spec. in above, with locality.
Sheowring, G., 22 London Road, Clapton, London, N. *Lepid.*
Shepheard, Thomas, Kingsley Lodge, Chester. *Mic.*
Shepherd, Rev. Charles W., M.A., Trotterscliffe Rectory, Maidstone, Kent. *Orn.*
Shepherd, Edwin, 21 Albert Terrace, Clapham Road, London, S.W. *Ent.*
Sheppard, Edward, 18 Durham Villas, Kensington, W. *Ent.*
Shillitoe, B., 2 Frederick Pl., Old Jewry, London, E.C.
Shone, Isaac, Pentrefelin House, Wrexham, Wales.
Shone, William, F.G.S., Upton Park, Chester. *Geol., Mic., Arch., Moll., Sponges, Protozoa.* C. Glacial Drift Shells.*
Shoolbred, W. A., The Castle House, Chepstow, Monmouth.
Shore, T. W., F.C.S., F.G.S., Hartley Institution, Southampton. *Geol., Chem.**
Short, Frederick, 2 King St., Borough, London, S.E. *Geol.*
Shrubsole, George W., Town Hall Sq., Chester. *Carb., Devon. and Sil. Polyzoa, or Bryozoa.* C. Ex. Carb. or Sil. fossils. Wants a specimen of *Archimedes Wortheni.*
Shrubsole, Octavius Albert, 45 Waylen St., Reading.
Shrubsole, William Hobbs, Sheerness.*
Shuter, James L., F.R.A.S., 33 Farringdon St., London. *Mic.*
Siddall, J. D., The Cross, Chester. *Nat. Hist.*
Sidebotham, Joseph, The Beeches, Bowdon, Cheshire. *Ent.*
Sigerson, George, M.D., 3 Clare St., Dublin, Ireland.

Sigsworth, John C., 18 Chaucer Road, Herne-Hill, London, S.E. *Mic., Chem.**
Silber, A. M., 4 Bolton Gardens, South Kensington, London, S.W. *Light and Heat.*
Sillock, H., 22 Randolph St., Camden Town, London, N.W. *Lepid.*
Silver, Rev Frederick, M.A., Rectory, Norton-in-Hales, Market Drayton, Salop.
Silver, Hugh A., Assoc. Inst. C.E., Hillside, Chiselhurst, Kent. *Mic.*
Silver, S. W., 3 York Gate, Regent's Park, London, N.W.
Sim, G., Jr., 20 King St., Aberdeen, Scotland. *Lepid.*
Simmons, C. W., 8 Gough St., Stainsby Road, Poplar, London, E. *Lepid.*
Simmons, W., 6 New Walk Terrace, York. *Lepid.*
Simms, David, Limavady, Co. Derry, Ireland. *Ast.*
Simms, J., F.R.A.S., 138 Fleet St., London, E.C.
Simon, John C. B., D.C.L., 40 Kensington Sq., London, W.
Simpson, Charles T., 14 Cornwall Gardens, South Kensington, S.W. *Mic.*
Simpson, J. B., Hedgerfield House, Blaydon-on-Tyne, Durham.
Simpson-Baikie, Edwin, United Universities Club, Pall Mall East, London, S.W.
Sims, Henry, Cross St., Wakefield. *Gen. Ent.*
Skertchly, S. B. J., Geological Survey of England, Museum, Jermyn St., London, S.W.
Skues, G. E. M., 21 Burton Crescent, London, W.C. *Lepid.*
Slack, Henry James, Ashdown Cottage, Forest Row, Sussex.
Slade, Jeremiah, Fern Villa, Lion Road, Bexley Heath, Kent..
Sladen, Lieut.-Colonel E. B., care of Messrs. Grindlay & Co., Parliament St., London, S.W.
Sladen, W. Percy, F.L.S., F.G.S., etc., Exley House, Halifax, Yorkshire. *Biol., Echinodermata, recent and fossil..* C. Ex.
Slater, Rev. H. H., B.A., Sharrow Cottage, Ripon. *Zool.*
Slater, J. W., editor Journal of Science, 36 Wray Crescent, Tollington Park, London, N. *Biol., esp. Ent.* C. Ex. Buprestidæ for Cicindelidæ, Carabidæ.
Slater, Robert, 10 Lansdowne Pl., Blackheath, London, S.E.
Slatter, George W., F.C.S., 12 Bromley St., Shipley, Yorkshire.
Slatter, Thomas James, Bank, Evesham. *Geol., Palæo. of Lias and Oolites, Bot., Mic., spec. Lias Palæo.* C. Ex. Liassic moll. and Foriminifera for L. Secondary fossils (not chalk) from other localities.
Slaughter, George M., Surgeon-Major, Farningham, Kent. *Orn.*
Sleeman, Rev. Philip, Clifton, Bristol. *Phys., Ast.*
Slipper, R. A., The Vicarage, Tottington, Kevingham, Norfolk. *Lepid.*
Slocombe, F., W. Rockhalls Terrace, Cricklewood, London, N.W. *Lepid.*
Sloper, G. E., Devizes, Wilts. *Geol.*
Sloper, S. W., Devizes, Wilts. *Geol.*
Slugg, J. T., F.R.A.S., Chorlton-cum-Hardy, near Manchester. *Ast.**
Smart, William, 27 Aldgate, London. *Mic.*
Smetham, Alfred, F.C.S., Analytical and Consulting Chemist to the Royal Manchester, Liverpool, and No. Lancashire Agric. Soc. *Agric., Chem. Geol., Chem., Mic.**
Smethurst, William, Langate House, Brynn, near Wigan.
Smith, Abel, Woodhall Park, Watford. *Orn.*
Smith, Rev. Alfred C., M.A., Yatesbury Rectory, Wiltshire. *Orn.*
Smith, Benjamin Leigh, Oxford and Cambridge Club, 74 Pall Mall, London, S.W.

Smith, Cecil, B.A., F.Z.S., Mem. B.O.U., Lydeard House, Taunton, Somersetshire. *Orn.**
Smith, Charles, Barrow-in-Furness, Lancashire.
Smith, E., Adelaide Buildings, Liverpool. *Lepid.*
Smith, Edgar A., British Museum, London. *Con.*
Smith, Edwin, M.A., Forest Road, W. Nottingham.
Smith, G. Fereday, M.A., Grovehurst, Tunbridge Wells.
Smith, Harold, F.M.S., Fulford House, Hull. *Bot., Meteo., Ast.**
Smith, H Fred., J.P., Hull and Sutton. *Ast.*
Smith, Henley Grose, The Priory, St. Helen's, Isle of Wight. *Diurnal Lepid.**
Smith, James Taylor, M.D., Reedsmouth House, Bellingham, Northumberland.
Smith, John T., 10 Gledhow Gardens, Wetherby Road, South Kensington, S.W.
Smith, M. W., Sundon House, Clifton, Bristol. *Palæo.*
Smith, Robert Angus, Ph.D., LL.D., F.R.S., 22 Devonshire St., Manchester. *Chem., Anth., Arch., Eth., Ethnog., Philol.**
Smith, R Clifford, Parkfield, Swinton, Manchester.
Smith, Samuel Joseph, C.E., F.C.S., F.S.A., Aucklands, Wandsworth Common, London, S.W.
Smith, Thomas James, F.C.S., Hornsea Burton, Hornsea, Hull.
Smith, Thomas Macdougall, 1 Chapel Pl., Delahay St., Westminster, London, S W.
Smith, Rev. W., Beverley. *Bot.*
Smith, Right Hon. William Henry, 3 Grosvenor Pl., London, S.W.*
Smith, Worthington G., F.L.S., M.A.T., etc., 125 Grosvenor Road, Highbury, London, N. *Crypt. Bot., Fungi, Anth., Arch.* C. of over 1,000 palæolithic stone implements.*
Smith, Urban A., Castle St, Hertford.
Smith, Rev. Canon W. Saumarez, B.D., St. Aidan's Coll., Birkenhead.*
Smith, W. L., Southfield House, Watford. *Bot.*
Smithe, Rev. Frederick, M.A., LL.D., Churchdown Vicarage, Gloucester.
Smyth, Charles P., F.R.S.E., Ast. Royal for Scotland, Royal Obs., Edinburgh, Scotland. *Ast.*
Smyth, John, Jr., M.A., Trinity Coll., Dublin, Ireland. *Chem.*
Smyth, Samuel Richard, care of J. Brodbag, 90 Newgate St., London, E.C.
Smyth, Warington W., M.A., F.R.S., Chief Inspector of Crown Mines, Museum, Jermyn St., London, S.W.
Smythe, William James, Athenæum Club, London, S.W.
Snell, A. H., The Grange, Harkbridge, Surrey. *Chem.*
Snell, John, 90 Pydar St., Truro.
Society of Biblical Archæology, W. Harvey Rylands, Sec. Library and Offices, 11 Hart St., London, W.C., and 9 Conduit St., London, W. *Anth., Arch., Eth., Ethnog., Philol.**
Sollas, W. J., M.A., F.R.S.E., Prof. Geol. and Palæo., Univ. Coll., Bristol, 4 The Polygon, Clifton, Bristol.
Solly, Edward, Park House, Sutton, Surrey.
Solly, Richard H., Spa House, The Avenue, Cambridge.
Solly, W. H., M.A., Serge Hill, Bedmont, Hemel Hempstead, Herts.
Solomons, Sir David Lionel, Broom Hill, Kent. *Mech., Elect.* C.
Somerville, Alexander, F.L.S., 11 South Park Terrace, Hillhead, Glasgow, Scotland. *Bot., Mollusks.**
Somerville, Rev. James E., M.A., B.D., Mansfield, Broughty Ferry, near Dundee, Scotland. *Nat. Sci., Bot., Zool., Orn., Coleopt., Moll.**

Soper, F. L., 7 Cholmeley Villas, Highgate, London, N.
Sopwith, Arthur, Cannock Chase Collieries, Walsall.
Sorby, Henry Clifton, LL.D., Broomfield, Sheffield. *Mic., Geol.*
Sotheby, R. M., Sunny Side, Hastings. *Lepid.*
South, Richard, 12 Abbey Gardens, London, N.W. *Ent.: Lepid.*
Southall, W., Sir Harry's Road, Edgbaston, Birmingham.
Southey, William, 38 Windsor Road, Upper Halloway, London, N. *Lepid.*
Southwell, Thomas, F.Z.S., Earlham Road, Norwich. *Zool.*
Sowerly, G. B., Jr., 47 Great Russell St., London. *Con.*
Spalding, R. B., 46 High St., Notting Hill, London, W. *Gen. Ent.*
Spark, Henry King, Stratforth House, Barnard Castle.
Sparrow, James, Gwersyllt Hill, near Wrexham, Wales.
Spence, J. Berger, F.L.S., F.R.A.S., Ellesmere Chambers, King St., Manchester.
Spencer, James, 8 Salisbury Pl., Akroydon, Halifax.
Spencer, John, Rock Terrace, Crawshaw Booth, Manchester.
Spencer, William M.E., Cross House Chambers, Newcastle-on-Tyne.
Spicer, Henry, F.L.S., 14 Aberdeen Park, Highbury, London, N.
Spiller, John, F.C.S., 2 St. Mary's Road, Canonbury, London. *Chem.*
Spink, J., Vine Lodge, Sevenoaks, Kent. *Geol.*
Spon, Ernest, Mining and Civil Engineer, 16 Craven St., Charing Cross, London, S.W. *Geol.*
Spooner, Charles Easton, C.E., Bron-y-Garth, Portmadoc, Wales.
Spottiswoode, William, M.A., LL.D., Pres. Royal Soc., 41 Grosvenor Pl., London, S.W. *Math., Optics, Elect.*
Spratling, W. J., B.Sc. Lond., 72 Wickham Road, Brockley, London, S.E.
Spratt, Rear-Admiral, Thomas, A.B., Clare Lodge, Tunbridge Wells, Kent.
Sprengel, Hermann Johann Philipp, Savile Club, Savile Row, London, W.
Spruce, Samuel, Albert Road, Tamworth.
Spurling, John, 42 Northgate, Wakefield. *Gen. Ent.*
Spurrell, F. C. J., Belvedere, Lessness Heath, Kent.
Spurs, Adam, Head Master Sullivan's School, Holywood, Co. Down, Ireland. *Chem., Phys.*
Squire, Peter, 12 York Gate, Regent's Park, London, N.W.
Stabler, G., Levens, Milnthorpe, Westmoreland. *Mosses, Hepaticæ.* C. Ex.*
Stainton, Henry Tibbats, F.R.S., F.L.S., Pres. Ent. Soc. of London, Mountsfield, Lewisham, London, S.E. *Ent.*
Stair, Alfred, Stamp Office, Mount St., Manchester.
Standen, Richard S., The White House, Alby, Norwich. *Ent.*
Standish, F. O., 8 St. Paul's Terrace, Cheltenham, London. *Lepid.*
Stanford, John Frederick, M.A., Forest Lodge, North Bank, Regent's Park, London, N.W.
Stark, A. C., Engadine, Torquay. *Orn.*
St. Clair, George, 61 Bristol Road, Birmingham, Author of "Darwinism and Design." *Geol., Anth., Biblical Arch.**
Stead, John E., 3 Zetland Road, Middlesbro-on-Tees. *Metallurgy of Iron and Steel.*
Stebbing, Rev. Henry, D.D., F.R.S., St. Nicholas Cole Abbey, London, E.C.*
Stebbing, Thos. R. R., M.A., Warberry House, Bishopsdown Park, Tunbridge Wells, Kent. *Sessile-eyed Crustaceans.* C. Ex.*
Stephens, Darell, F.G.S., F.L.S., F.Z.S., St. Stephen's, Plympton, Devon.

Stephenson, John Ware, 186 Clapham Road, London, S.W.
Steuart, D. R., F.I.C., F.C.S., Chemist to the Broxburn Oil Co., limited, Broxburn, Scotland.
Steuart, William, Selms, Mid Calder, Scotland. *Bot.*
Stevens, George, Alexandria, Scotland. *Chem.*
Stevens, Henry, F.S.A., 4 Trafalgar Sq., Charing Cross, Vermont House, 13 Upper Avenue Road, South Hampton, London. *Hist. and Bibliog.*
Stevens, John S., 38 King St., Covent Garden, London, W.C. *Ent.*
Stevens, Samuel, Loanda, Beulah Hill, Upper Norwood, London, S.E. *Ent.*
Stevenson, Rev. John, The Manse, Glamis, Scotland. *Fungi.*
Stevenson, Francis, London and Northwestern Railway, Euston Sq., London, N.W.
Stevenson, George Wilson, 38 Parliament St., London, S.W.
Stevenson, Henry, F.L.S., Mem. B.O.U., 10 Unthanks Road, Norwich. *Zool., Gen. Biol., Emb. and Anat. of Vert., Orn., Ool., Tax.* C. Norfolk birds.*
Stevenson, Thomas, 17 Heriot Row, Edinburgh, Scotland.
Stewart, A. Y., 212 Camden Road, London, N.W.
Stewart, Balfour, LL.D., Lady Barn Villa, Fallow Field, Manchester. *Ast.*
Stewart, C., 42 Sinclair Road, Kensington, London, W.
Stewart, James, B.A., M.R., L.R., Dunmurry, Sneyd Park, Clifton, Gloucestershire.
Stewart, Martin, York House, Wakefield.
Stewart, Samuel A., North St., Belfast, Ireland. *Nat. Hist., Geol.*
Stewart, Thomas G., M.D., Prof. Univ., Edinburgh, Scotland.
Stiffe, A. W., Manora, Hollington Park, St. Leonards-on-Sea.
Still, Henry, Clevedon, Somersetshire.
Stirling, John, 17 Ennismore Gardens, Prince's Gate, London, S.W.
Stirling, Wm., M.D., Prof. Univ., Aberdeen, Scotland. *Physiol. and Histol. of Vert. and Invert. Animals.**
Stirrup, Mark, 14 Atkinson St., Deansgate, Manchester.
Stirton, Dr., 15 Newton St., Glasgow, Scotland. *Lichenology.*
Stoate, William, Elm Grove, Wembdon, Bridgewater. *Ool.* C.
Stoddart, W. Walter, Park St., Bristol. *Min.*
Stoker, J. N., Laboratory, Somerset House, London, W.C.
Stokes, Prof., F.R.S., Cambridge. *Math.*
Stokes, Arthur H., F.G.S., H.M. Inspector of Mines, Green Hill, Derby. *Geol., Mining.**
Stokes, George Gabriel, D.C.L., Lensfield Cottage, Cambridge. *Phys., Math.*
Stokes, Rev. William Haughton, M.A., Fellow of Caius College, Cambridge, Denver, near Downham Market.
Stokoe, Paul H., B.A., M.D., F.L.S., Wycombe Court, Bucks.*
Stolterfoth, Henry, M.D., M.A., 60 Watergate St., Chester. *Diatomaceæ, both fossil and recent.* C. Ex. Microscopical slides or materials.
Stone, Edward James, M.A., Dir. Radcliffe Observatory, Oxford.
Stone, John Benjamin, F.G.S., F.R.H.S., The Grange, Erdington, Birmingham.
Stone, Wm. H., M.B., F.R.C.P., 14 Deans Yard, Westminster, Saint Thomas' Hospital, London. *Phys., esp. Acoustics.* C. Ex.*
Stoney, George Johnstone, M.A., D.Sc., F.R.S., 3 Palmerston Park, Dublin, Ireland. *Phys.**
Stopes, Henry Kenwyn, Cintra Park, Upper Norwood, London. *Geol.* C. Ex. Crag shells for stone implements, etc.*

Storer, Dr. John, Sydney St., Glasgow, Scotland. *Chem.**
Story, E., M.A., F.L.S., F.R.A.S., 88 Oldfield Road, Stoke Newington, London, N.
Strachey, Lieut.-Gen. Richard, India Office; and Stowey House, Chapham Common, W.
Strahan, Aubrey, M.A., Geological Survey of England, Museum, Jermyn St., London, S.W.
Straker, E., Hayleshaw, Kenly, W., Croydon, Surrey. *Bot.*
Strangways, C. Fox, Geological Survey of England, Museum, Jermyn St., London, S.W.
Stuart, Edward H., Lord Clifton, Cobham Hall, Gravesend. *Orn.*
Stuart, Graham, Dolgelly, Wales. *Min.*
Stuart, M. G., B.A., St. John's College, Cambridge.
Stubbins, John, F.G.S., F.R.M.S., Chester Cottage, Old Lane, Halifax. *Geol., Mic., Gen. Biol.**
Stutchbury, Edward, 1 Bristol Chambers, Nicholas St., Bristol.
Struthers, John, M.D., Prof. Anat., Univ., Aberdeen, Scotland.*
Strype, William George, C.E., The Murrough, Wicklow, Ireland. *Agric., Geol., Chem., Elect.**
Suffolk, William T., Stettin Lodge, St. Faith's Road, Lower Norwood, London, S.E. *Mic.*
Sully, James, M.A., Savile Club, Savile Row, London, W. *Psychol., Æsthetics.*
Summer, Fred., 54 Walton Crescent, Oxford.
Sutherland, Charles Leslie, Mem. Royal Commission of Agric., Combe, near Croydon, Surrey.
Sutherland, George Granville William Sutherland Leveson-Gower, Duke of, Stafford House, London, S.W., Trentham Hall, Staffordshire, and Cliefden House, Berks.
Sutherland, James, Taxidermist, Wick, Scotland. *Ferns, Zool., Orn., Ool., Tax.**
Sutherland, William L., 3 White Villas, Windsor Green Road, Birmingham.
Sutton, Wm. D., Upper Claremont, Newcastle-on-Tyne. *Moll.*
Swain, Ernest, 34 Elsham Road, Kensington, London, W. *Biol.*
Swan, David, Spelter Works, Maryhill, near Glasgow, Scotland. *Zinc Metallurgy, Metals.* C. Ex. Would like Am. specimens.
Swan, Capt. John Sackville, F.S.A., Holyshute, Honiton, Devon.
Swanston, William, F.G.S., 50 King St., Belfast, Ireland. *Nat. Hist., Geol.*
Swanzy, Andrew, F.L.S., Sevenoaks. *Ent.*
Swarlen, Johnson C., Beverley. *Orn.*
Swete, Edward H. W., M.D., The Grove, Rainbow Hill, Worcester.
Swinton, A. H., Binfield House, Waterden Road, Guildford. *Gen. Sci., Ent.* C. Ex. British insects for exotic.*
Symonds, Rev. W. S., Pendock Rectory, Tewkesbury. *Geol., Nat. Hist.*
Symes, Richard G., Geological Survey of Ireland, The Rock, Ballyshannon, Co. Donegal, Ireland.
Symons, G. J., F.R.S., 62 Camden Sq., London, N.W. *Meteorology.* Ex. Met. publications.
Symons, Wm., F.C.S., 26 Joy St., Barnstaple. *Chem., Elect.*
Szlumper, J. W., M.Inst.C.E., Aberystwith, Wales.
Tackhadakar, M.A., care of Mr. Lewis, 136 Gower St., London, W.C.
Taft, Rev. John R., St. George's, Wolverhampton.
Tait, P. Guthrie, Prof. Phys., Univ., Edinburgh, Scotland. *Chem., Phys.*
Take, James H., Bancroft, Hitchin, Hertfordshire. *Orn., Ool.* C.

Talbot, Christopher Rice Mansel, 3 Cavendish Sq., London, W.
Talbot, T. H., Mount Pleasant, Wakefield. *Gen. Ent.*
Talbot de Malahide, James, Lord, F.R.S., F.S.A., Malahide Castle, Co. Dublin, Ireland, and Evercreech House, Somerset.
Talmage, Charles G., Observatory, Leyton, Essex. *Ast.*
Tanner, J., M.A., LL.D., Ph.D., 102 Harley St., Cavendish Sq., London, W.
Tarbock, Robert R., Public Chem. for City of Glasgow, 138 Batle St., Glasgow, Scotland. *Analyt. Chem.*
Tarbotton, Marriott Ogle, The Park, Nottingham.
Tate, Thomas, Rushton Villas, Thornbury, Bradford, Yorkshire.
Tatton, W., 15 Doderidge St., Liverpool. *Lepid.*
Taunton, John Hooke, The Hill, Brimscombe, Stroud.
Tawney, Edward B., Woodwardian Museum, Cambridge. *Geol., Lithol.* C. Ex.*
Taylor, A. O. D., Belfast, Ireland. *Orn.*
Taylor, Claude, M.D., Derby Road, Nottingham.
Taylor, Edward C., M.A., 74 Jermyn St., London, W. *Orn.*
Taylor, George C., 42 Elvaston Pl., Queen's Gate, London, W. *Orn.*
Taylor, John, 6 Queen St. Pl., Upper Thames St., London, E.C.
Taylor, John Ellor, F.L.S., Museum, Ipswich.
Taylor, J. W., Ed. Quarterly Journal of Con., St. Ann St., Leeds. *Con.*
Taylor, Richard, 6 Queen St. Pl., Upper Thames St., London, E.C.
Taylor, Richard, F.G.S., Science and Art Teacher, Marske-by-the-Sea, Yorkshire. *Bot., Agric., Geol., Chem., Phys.* C. Ex.*
Taylor, T. H., George St., Wakefield. *Gen. Ent.*
Teague, Harry, Redruth. *Min.*
Teall, J. J. H., B.A., 9 All Saints, Nottingham. *Geol.*
Tebbitt, Walter, Elmhurst, Cavendish Road, Clapham Park, London, S.W. *Mic.*
Tegetmeier, William B., F.Z.S., Finchley, Middlesex. *Orn., Mam.**
Teignmouth, Charles John Shore, Lord, D.C.L., LL.D., Langton Hall, Northallerton, Yorkshire.
Tendron, Frederick, 11 Kidbrook Terrace, Blackheath, London, S.E.
Tennent, R., Edinburgh, Scotland. *Meteo.*
Terrill, William, Swansea, Wales.
Terry, William, Peterborough House, Fulham, London, S.W. *Mic.*
Thackeray, W. G., Ass't Royal Observatory, Greenwich. *Ast.*
Thairwall, F. J., 169 Gloucester Road, Regent's Park, London, W. *Arch.*
Thane, George Dancer, Prof. Anat., 15 Montagu St., Russell Sq., London, W.C.
Thomas, Arnold, Bilson House, Newnham, Gloucestershire.
Thomas, Charles, Clarendon House, Buckhurst Hill, Essex.
Thomas, David, Great Western Chambers, Neath, Wales.
Thomas, E., F.R.S., Athenæum, London. *Indian Numismatics.*
Thomas, Edward, 47 Victoria Road, Kensington, London, W.
Thomas, George F., 7 Grove Park, Wrexham, Wales.
Thomas, John G., Ifor Cottage, Pembrey, Carmarthenshire, Wales.
Thomas, Oldfield, F.Z.S., British Museum, London. *Mammalia.*
Thomas, T. H., The Walk, Tredegarville, Cardiff, Wales. *Anth., Arch.**
Thomas, W., Abberley House, Worcester Park, Surrey. *Lepid.*
Thomas, William, Bryn-Awel, Aberdare, Wales.
Thomas, Wm., Cook's Kitchen Mine, Camborne. *Min.*
Thompson, Claude M., Redlands, Bridgewater. *Chem.*
Thompson, Sir Henry, F.R.C.S., 35 Wimpole St., London, W.
Thompson, Rev. I. H., Coddley, near Stourbridge. *Bot.*

Thompson, Joseph, Hilton House, Blackrod, Chorley.
Thompson, J. Barclay, Christ Church, Oxford.
Thompson, J. H., Cradley, near Brierley Hill. *Bot.*
Thompson, Miss Sophia, Barn Hill, Stamford. *Ent.*
Thompson, Silvanus P., B.A., D.Sc., Prof. Exper. Phys., University Coll., Bristol. *Elect.* Author of "Elementary Lessons in Electricity and Magnetism," and of sundry pamphlets on Apprenticeship Schools and on Technical Education. Ex. papers on Exper. Physics.*
Thompson, W., 183 Stantonbury, Stoney Stratford, Bucks. *Lepid.*
Thoms, G. Eastlake, Assoc. M. Inst. C.E., Wolverhampton.
Thomson, Allen, M.D., 66 Palace Gardens Terrace, London, W.
Thomson, George S., M.D., F.M.S., 8 College Road, Clifton, Bristol. *Meteo.**
Thomson, James, 3 Abbotsford Pl., Glasgow, Scotland.
Thomson, John, Umbank, Perth Road, Dundee, Scotland. *Phys.*
Thomson, Sir W., F.R.S., Prof. Nat. Phil., Glasgow.
Thornburn, John, Ditton, Widnes.
Thorman, Edw., West Ham Gas Works, Stratford, Essex. *Mic.*
Thorn, Thomas, 135 Powmall, Dalton, London. *Lepid.*
Thorne, A., Dunster House, 12 Mark Lane, London, E.C.
Thornthwaite, W. H., F.R.A.S., 416 Strand, London, W.C. *Ast.*
Thornthwart, A. Willow, Bridge Road, Cannonbury, London, N. *Lepid.*
Thornewill, Rev. C. F., The Soho, Burnston-on-Trent. *Lepid.*
Thornton, Henry Sykes, M.A., Battersea Rise, London, S.W.
Thornton, Rev. John, B.A., Vicarage, Aston Abbots, Aylesbury.
Thornton, Rev. William, Kingsthorpe, Northampton.
Thorp, Thos. E., Prof. Chem., Yorkshire College, Leeds. *Chem.*
Thorpe, John, Spring Gardens, Middleton, Manchester. *Lepid.*
Thorpe, William G., F.R.S., Gloucester House, Larkhall Rise, London, S.W.*
Threlfall, J. H., 4 East Cliff, Preston. *Micro-lepid.*
Thuey, Alexander, Assoc. M. Inst. C.E., 3 Victoria St., London, S.W.
Thuillier, Sir Henry E. L., 32 Cambridge Terrace, and Oriental Club, London, W.
Thurnfall, A., Stratford. *Lepid.*
Thurtell, Rev. Alexander, M.A., Fellow of Caius College, Oxburgh Rectory, Stoke Ferry, Norfolk.
Tickel, J. C., 135 Pournall Road, Dalton, London. *Lepid.*
Tiddeman, R. H., M.A., Geological Survey of England, Museum, Jermyn St., London, S.W.
Tidy, Dr. C. Meymott, Prof. Chem., 3 Mandeville Pl., Manchester Sq., London, W.
Tilden, William Augustus, 36 Frederick Road, Birmingham. *Analysis of water.*
Timins, Charles, 12 Somerset Pl., Bath.
Timins, Rev. John Henry, M.A., W. Malling, Kent.
Tingle, Thomas, Apothecaries' Hall, Blackfriars, London, E.C. *Mic.*
Titmas, Rev. S. D., Charter House, Godalming.
Todd, Rev. J.W., D.D., Tudor Hall College, Forest Hill, London, S.E.
Todhunter, Isaac, M.A., Brookside, Cambridge.
Tomes, Charles, Sissmore, 37 Cavendish Sq., London, W.
Tomes, John, 37 Cavendish Sq., London, W.
Tomes, Robert F., South Littleton, Evesham. *Geol., Fossil Corals.*
Tomlinson, Charles, 3 Ridgmount Terrace, Highgate, London, N. *Chem., Physics.*
Tomlinson, Rev. S., Malahide, Co. Dublin. *Ast.*
Tompkins, H., 28 Tavistock Sq., London, W.C. *Ent.*

Tookey, Charles, Museum Pract. Geology, Jermyn St., London, S.W. *Chem.*
Topley, William, Geol. Survey of England, 28 Jermyn St., London, S.W. *Geol.*
Townend, W., West Parade, Halifax, Yorkshire. *Mic.*
Townley, James, 302 Kensington Park Road, London, S.E.
Townsend, Rev. Richard, Prof. Nat. Phil., Univ., Dublin, Trinity Coll., and 24 Upper Leeson St., Dublin, Ireland.
Trail, J. W. H., Prof. Bot., Univ. of Aberdeen, Scotland. *Bot., Ent., esp. Galls and Am. Palms.* C. Ex.
Traquair, Ramsay H., M.D., F.R.S., Keeper of the Natural History collections in the Museum of Science and Art, Edinburgh, Scotland. *Zool.* Writer of original papers on Fossil Ichthyology and anatomy of fishes.*
Travers, Archibald, 119 Cannon St., London, E.C.
Trechmann, Charles O., Ph.D., F.G.S., Hartlepool. *Min., Crystal Lithol.**
Tregay, W., M.E., Mining Expert, Redruth. *Min., Geol.**
Tremenheere, Major-Gen G. B., R.E., Spring Grove, Isleworth.
Tremenheere, H. Seymour, C.B., 43 Thurloe Sq., Brompton, London, S.W.
Tremlett, Rear-Admiral F. S., Belle Vue, Claremont Road, Tunbridge Wells.
Tren, J. C., 85 Nicholas St., New North Road. *Lepid.*
Tribe, Alfred, 14 Denbigh Road, Bayswater, London. *Chem.*
Trickett, Samuel, 4 Springfield, Upper Clapton, London, E.
Tristram, H. B., LL.D., F.R.S., The College, Durham. *Orn., Con., Geol., Nat. Hist. of Palestine and Syria.* C.
Trotter, Coutts, 3 Richmond Gardens, Bournemouth. *Phys.*
Tuckett, Philip Debell, Southwood Lawn, Highgate, London, N.
Tuely, Nathaniel C., F.L.S., Mortimer Lodge, Wimbledon Park, London, S.W. *Lepid.*
Tugwell, W. H., 3 Lewisham Road, Greenwich. *Lepid.*
Tuke, James H., Hitchin. *Orn.*
Tunley, W. H., Albert Road, Southsea, Portsmouth, Hampshire. *Arch., esp. ancient seal impressions.* C. Ex.*
Tupman, Major G. Lyon, R.M.A., 1 Vanbrugh Park, Blackheath, London, S.E. *Ast.*
Tupper, Martin Farquhar, D.C.L., Western Villa, North Park, Croydon.
Turnbull, George, Rose Hill, Abbot's Langley.
Turner, Henry, Court Lodge, Knockholt, Sevenoaks.
Turner, John, 10 Davenport Stockport, near Manchester. *Moll.* (for Odontophora).
Turner, Robert Drysdale, 64 Alexandra Road, St. John's Wood, London. N.W.
Turner, William, M.B., F.R.A.S., Prof. of Anat., University of Edinburgh, 6 Eton Terrace, Edinburgh, Scotland.*
Twamley, Charles, Ryton-on-Dunsmore, Coventry.
Tweedie, Alexander, M.D., Bute Lodge, Park Road, Twickenham.
Twiss, Sir Travers, D.C.L., 3 Paper Buildings, Temple, London, E.C.
Twite, Charles, Castle House, St. Agnes, Scorrier, Cornwall.
Tye, G. Sherriff, Caroline St., Birmingham. *Con.**
Tyerman, I., Penlee, Tregoney, Cornwall. *Moll.*
Tylden-Wright, Charles, Shireoak Colliery, Worksop.
Tyler, Charles, F.L.S., 317 Holloway Road, London, N.
Tylor, Alfred, Shepley House, Carshalton, Surrey.
Tylor, Edward Burnett, D.C.L., LL.D., Linden, Wellington, Somerset.

Tyndall, John, LL.D., Prof. Nat. Phil., Royal Inst., Albemarle St., London, W. *Phys., Math.*
Ullyet, L., Lyell House, Folkestone. *Lepid.*
Unthank, W. George, 27 St. Mark's Road, Notting Hill, London. *Nat. Hist.*
Upcher, Henry M., Sheringham Hall, Norfolk. *Orn.*
Ussher, W. A. E., F.G.S., Geological Survey of England, Museum, Jermyn St., London, S.W.
Vacher, Francis, 36 Hamilton Sq., Birkenhead. *Medicine.*
Valpy, Robert Harris, Enborne Lodge, Newbury.
Vandenburgh, William J. V., F.M.S., Campsbourne Road, Hornsey, Middlesex. *Geol., Meteo., Zool., Anth., Orn., Ool., Ent.: L Coleopt., Neuropt.* C.*
Vandenburgh, William J. V., Jr., Hornsey, Middlesex. *Lepid.*
Vanner, William, Camdenwood, Chiselhurst, Kent. *Mic.*
Varicas, Lionel, C.E., 24 Chancery Lane, London, W.C. *Geol.*
Varley, Cromwell Fleetwood, Cromwell House, Bexley Heath, Kent.
Vaughan, Howard, 11 Ospringe Road, Brecknock Road, London, N.W *Ent., Bot.*
Vaughan, P. H., Redland, Bristol. *Ent.*
Vaux, William S. W., M.A., 22 Albemarle St., London, W.
Veitch, Harry J., Royal Exotic Nursery, King's Road, Chelsea, London, S.W.
Verini, William, The Ferns, Bushey Heath. *Geol.*
Verkrüzen, T. A., 2 Ampton Place, Gray's Inn Road, London, W.C. *Lepid., Coleopt., Moll.* C. Ex., buy or sell.
Verrall, G. H., Sussex Lodge, Newmarket. *Ent.*
Vezey, John J., 12 Sandbourne Road, Brockley Rise, London, S.E. *Mic.**
Vicary, William, The Priory, Colleton Crescent, Exeter.
Vickers, T. Edward, Bolsover Hill, Sheffield. *Min.*
Vincent, M. C., Prof. Econ. Geol. and Met., 127 Strand, London.
Vine, G. R., 112 Hill Top, Abercliffe, Sheffield. *Fossil Polyzoa.*
Vinen, Edward H., M.D., 17 Chepstow Villas, Bayswater, London, W. *Mic.*
Vines, Sidney H., M.A., Christ's College, Cambridge. *Bot.*
Vivian, Arthur Pendarves, M.P., F.G.S., Glendorgal, St. Columb Minor, Cornwall. *Geol., Min., Met.**
Vivian, Henry Hussey, M.P., Singleton House, Swansea, Wales.
Vivian, H. T., F.R.A.S., 34 Wellington Road, Camberwell, S.E.
Vivian, Stephen, Llantrissent, Wales. *Min.*
Vivian, William, Llantrissent, Wales. *Min.*
Vize, Rev. Jno. E., M.A., Forden Vicarage, Welshpool. *Cryptogams.*
Voelcker, Augustus, F.R.S., 12 Hanover Sq., London, W. 11 Salisbury Sq., Fleet St., London, S.E. *Agric. Chem.**
Wade, C. H., 2 South Sq., Gray's Inn, London, W.C.
Wagner, Henry, M.A., F.S.A., 13 Half Moon St., Piccadilly, London, W.
Wailes, Herbert George, Park Road, Watford. *Geol., Palæo., Min., Chem., Elect., Zool.* C. Ex *
Wailly, Alfred, 110 Clapham Road, London, S.W.
Wain, Thomas, Shrublands, Hersham, Esher, Surrey. *Mic.*
Wainwright, H., Grammar School, Barnstaple. *Bot., Arch.*
Wainwright, Joseph, F.L.S., Springfield Hall, near Wakefield. *Phæn. Bot., Hort., Veg. Palæo.**
Wake, Charles Staniland, M.A.I., Hull. *Anth., Eth.**
Wakefield, Charles M., Belmont, Uxbridge. *Ent.*
Walford, Edwin, Banbury, Oxfordshire. *Geol.*
Walhouse, M. J., 9 Randolph Crescent, Maida-vale, London. W. *Anth.*
Walker, A. C., Chester. *Lepid.*

Walker, Chas. Vincent, Fernside, Reigate Hill.
Walker, Edward, M.A., Fern House, Turnham Green, Chiswick.
Walker, Rev. F. A., M.A., Bourne Villa, Bournemouth, Hants. *Ent.*
Walker, George Blake, Lacton Cottage, Tankersley, Barnsley.
Walker, Henry, F.G.S., 30 Leamington Road Villas, Westbourne Park, London, W.*
Walker, John Francis, M.A., F.L.S., 16 Gillygate, York.
Walker, J. Watson, Fairfield House, Watford. *Bot.*
Walker, James J., R.N., H.M.S., Hawk, Harwich. *Lepid.*
Walker, William, 18 Lendall, York.
Walker, William Neish, 2 Hillpark Terrace, Newport, Fife. *Geol.*
Wall, George Parkes, 3 Victoria Road, Broomhall Park, Sheffield.
Wall, Philip William, M. Inst. C.E., The Grove, Clevedon, Somersetshire.
Wallace, Alexander, M.D., Trinity House, Colchester. *Ent.*
Wallace, Alfred R., Pen-y-bryn, St. Peter's Road, Croydon. *Ent.*
Wallace, John, Carshalton Lodge, Surrey.
Waller, T. H., 71 Gough, Birmingham. *Chem., Miscroscopic Igneous sections.**
Walpole, The Right Hon. Spencer Horatio, M.A., 109 Eaton Sq., London, S.W., and Ealing.
Walpole, T., 17 College St., Spittlegate, Grantham. *Lepid.*
Walsh, Henry, Northgate, Wakefield. *Gen. Ent.*
Walsingham, Lord, Merton Hall, Thetford. *Lepid.: Tineidæ.* C. Ex. British and European Tineidæ and Tortricidæ offered for N. A. or other Tineidæ, Tortricidæ, and Pterophoridæ, good specimens only.*
Walton, Thomas, Hull. *Chem.*
Warburton, Thomas, 11 Grange Road, Canonbury Park, London, N.
Ward, Christopher, F.L.S., Savile Road, Halifax. *Ent.*
Ward, F. H., Springfield, Tooting, London, S.W. *Ent.*
Ward, Henry, Rodbaston, Penkridge.
Ward, John, Lenoxvale, Belfast, Ireland.
Ward, John, 23 Stafford St., Longton, Staffordshire.
Ward, William, Cleveland, Cottage Hill, Southampton. *Mic.*
Wardell, Frank N., Wath, near Rotherham, Yorkshire.
Wardle, Thomas, F.C.S., F G.S., Leek, Staffordshire.*
Waring, E. J., M.D., 49 Clifton Gardens, Maida-vale, London, W.
Waring, S. L., The Oaks, Norwood, London, S.E. *Ent.*
Warington, R., Harpenden, St. Albans, Herts. *Chem., Agric.**
Warner, F. I., 20 Hyde St., Winchester.
Warner, Robert, Broomfield, Essex.
Warrand, Lieut.-Col., William E., R.E., The Bught, Inverness, Scotland.
Warren, Lieut.-Col. Charles, R.E., C.M.G., Brompton Barracks, Chatham.*
Warren, W., 51 Bridge St., Cambridge. *Lepid.*
Warwick, Frederick, 20 York St., Swansea, Wales.
Waterfield, W., The Quarries, St. Thomas, Exeter.
Waterhouse, Chas. Owen, British Museum, London. *Coleopt.*
Waterhouse, Geo. R., F.Z.S., British Museum, London, W.C. *Coleopt.*
Waters, Arthur W., F.L.S., care of Mr. West, Linnean Society, Burlington House, London. *Bryozoa, fossil and recent.* C.
Waters, W. H., Physiol. Lab., Cambridge. *Physiol.*
Watson, Henry H., J.P., F.C.S., Braystones, near Whitehaven, Cumberland. *Chem.*
Watson, Jno., F.R.A.S., Seaham Chem. Works, Sunderland.
Watson, Joseph Yelloly, Thorpe Grange, Colchester.

Watson, Rev. Robert Bogg, B.A., F.R.S.E., F.L.S., F.G.S., Free Church Manse, Cardross, Dumbartonshire, Scotland. *Geol., Moll.**

Watson, Sir Thomas, M.D., 16 Henrietta St., Cavendish Sq., London, W.

Watson, Wm. H., F.C.S., F.M.S., Braystones, near Whitehaven, Cumberland. *Chem.*

Watts, Rev. Arthur, F.G.S., etc., Belvedere House, Durham. *Physiol., Geol., Veg. Palæo.* C.

Watts, Henry, B.A., 151 King Henry's Road, South Hampstead, London, N.W.

Watts, William, Piethorne, Rochdale.

Waugh, Henry, Stanwell, Middlesex.

Waveney, Robert Alexander Shafto Adair, Lord, 7 Audley Sq., London, W.

Way, Thomas, F.I.C., 9 Rupell Road, Kensington, London. *Chem.*

Webb, Sidney, Redstone Manor House, Redhill, Surrey. *Lepid., Hymenop.*

Webb, Rev. Thomas William, A.M., F.R.A.S., Prebendary of Hereford Cathedral, Hardwick Vicarage, Hay, R.S.O., Herefordshire. *Ast.**

Webb, William Frederick, Newstead Abbey, Notts.

Websdale, C. G., 78 High St., Barnstaple. *Ent.*

Weightman, William Hy., Minster Buildings, Church St., Liverpool. *Minute Mollusca.* C. Ex.*

Weir, J. Jenner, 6 Haddo Villas, Blackheath, London, S.E. *Ent.**

Wellmann, J. R., 14 Portland Pl. North, Clapham Road, London, S.W. *Lepid.*

Wells, Thomas Spencer, 3 Upper Grosvenor St., Grosvenor Sq., London, W.

West, George Herbert, M.A., Head Master Asham School, Woodcote, Bournemouth. *Palæo., Geol., Arch.* C. Ex.*

West, Tuften, Frensham, Farnham, Surrey.

West, Wm., 15 Horton Lane, Bradford, York. *Bot.* C.

Westendarp, C. H., 19 Stanley Crescent, Kensington Park, London, W. *Geol.*

Western, E. Young, 27 Craven Hill Gardens, Bayswater, London, W. *Ent.*

Westgarth, Wm., 10 Bolton Gardens, South Kensington, London. *Economic, Monetary, and Banking.* (Also Hist. of Victoria, Australia.)

Westlake, Ernest, Fordingbridge, Salisbury. *Invert. Palæo., Geol., Lithol., Ast., Hymenop.* C. Ex.*

Westropp, Hodder M., St. Maur, Ventnor, Isle of Wight.

Westwood, John O., M.A., Walton Manor, Oxford. *Ent.*

Wethered, Edward, F.G.S., F.C.S., 5 Berkeley Pl., Cheltenham. *Chem., Geol., spec. Carb. Rocks.* C.*

Wharton, Charles B., Hounsdown, Totton, Hants. *Orn.**

Wharton, Henry T., M.A., 39 St. George's Road, Kilburn, London, N.W. *Orn., Bot.: Fungi.**

Whatman, James, M.A., Vinters, near Maidstone.

Wheeler, Edmund, F.R.A.S., 48 Tollington Road, Holloway, London, N. *Mic.*

Wheeler, Edwin, The Triangle, Bristol. *Bot., Orn., Ent.*

Wheeler, Francis D., M.A., Norwich. *Elect., Orn., Ool., Lepid.* C. Ex.*

Whewall, James, Savile House, Obs., Halifax. *Ast.*

Whidborne, George Ferris, M.A., Charanté, Torquay.

Whinfield, Edward Wrey, B.A., Severn Grange, Worcester.

Whipple, G. M., B.Sc., F.R.A.S., F.M.S., Kew. Obs., Richmond, Surrey. *Elect., Photog., Meteo., Ast.**

Whitaker, William, B.A., F.G.S., Geological Survey of England, 28 Jermyn St., London, S.W. *Geol.*
Whitby, J., 20 Fitzroy St., Liverpool, *Lepid.*
White, A. H. Scott, B.Sc., B.A., F.C.S., Western Terrace, The Park, Nottingham. *Geol., Min.*
White, B., M.D., Perth, Scotland. *Ent.: Lepid.*
White, Charles F., F.L.S., F.R.M.S., 42 Windsor Road, Ealing, London, W. *Bot., spec. Pollens.*
White, F. Buchanan, M.D., F.L.S., Annat Lodge, Perth, Scotland. *Ent., Bot.* C. Ex. hemiptera of the world. Living Alpine and hardy herbaceous plants.
White, Rev. F. Le Grix, M.A., Leaming House, Ulleswater, Penrith
White, Henry, F.S.A., 96 Queen's Gate, Hyde Park, London, W.
White, James, 8 Thurloe Sq., South Kensington, London, S.W.
White, James, 244 Sanchiehall St., Glasgow, Scotland. *Phys.*
White, J. Fletcher, 75 Westgate, Wakefield.
White, J. Martin, Cur. Dundee Naturalists' Society, Balruddery, near Dundee, Scotland. *Phys., Elect.**
White, J. S., 8 Medlock Road, Droylsden, near Manchester. *Coleopt Lepid.*
White, Miss Rose, Maisonette, St. Albans. *Bot.*
White, T. Charters, M.R.C.S.E., F.R.M.S., 32 Belgrave Road, London, S.W. *Mic., Photog., Invert. Emb., Invert. Anat.**
White, Rev. W. F., Stonehouse, Vicarage, Gloucestershire. *Ent.*
White, Wm., The Mall, Clifton, Bristol. *Bot.*
Whitehead, Charles, F.S.A., F.L.S., F.G.S., F.R.G.S., Barming House, Maidstone.*
Whitehead, Frederick Thomas, 8 Exchange St., Bolton.
Whitehead, Herbert Maguire, 1 Suffolk Pl., Pall Mall, London, S.W.
Whitehouse, E. O. Wildman, Down Pl., Petersfield, Hants.
Whitelaw, Alex., 87 Sidney St., Glasgow, Scotland. *Chem.*
Whitley, Henry Michell, F.G.S., Assoc. Mem. Inst. C.E., Hon. Sec. Roy. Inst. of Cornwall, Granville House, Ramsden Road, Balham, London, S.W. *Geol., Meteo., Ast., Arch.**
Whitmell, Charles T., M.A., B.Sc., H.M. Inspector of Schools, 31 Havelock St., Sheffield.
Whitworth, Sir Joseph, LL.D., The Firs, Manchester.
Whitley, N., F.M.S., Hon. Mem. of R.G.S. of Cornwall, Truro.*
Whittall, J., Asst. Sec. and Librarian of Statistical Society, King's Coll., Strand, London. W.C.*
Whytt, A. H., 13 Beresford Road, Birkenhead.
Wickham, W., Binsted-Wyck, Alton, Hants.
Widdas, Charles, 34 Bond St., Leeds. *Geol.* C. Ex.
Widdas, George A., 34 Bond St., Leeds. *Orn., Ool.* C. Ex.
Wigham, John R., 19 St. George St., Westminster, London. *Lighthouse Engineering.*
Wigram, Robert, 39 Courtfield Gardens, London, S.W.
Wilcolck, Joseph, Northgate, Wakefield. *Coleopt.*
Wild, C. J., 128 Cheetham Hill, Manchester. *Musci, Hepaticæ.*
Wild, G. A., Science School, South Kensington, London.
Wilkins, Ernest Powell, L.R.C.P.E., Newport, Isle of Wight.
Wilkinson, Rev. Burgess, The Manse, Melbourn, Cambridgeshire
Wilks, Samuel, M.D., 77 Grosvenor St., London, W.
Willacy, Rev. T. R., B.A., F.G.S., The Vicarage, Thorgauby, 15 The Mount, York. *Palæo., Geol., Phys., Elect., Meteo., Gen. Biol., Philol., Ent.**
Willett, Henry, Arnold House, Brighton.
Williams, Alfred, M, Inst. C.E., 18 Great George St., London, S.W.

Williams, A. Stanley, 1 Medina Terrace, West Brighton. *Ast.*
Williams, B. S., Victoria and Paradise Nurseries, Upper Holloway, London, N.
Williams, C. H., 25 Portland St., Soho, London, N. *Lepid.*
Williams, Charles James Blasius, M.D., 47 Upper Brook St., London, W.
Williams, Charles O., C.E., Holt St. House, Wrexham, Wales.
Williams, G., 16 Cambridge Terrace, Hyde Park, London, W. *Ast.*
Williams, Greville, F.R.S., St. Stephen's Road, Hounslow, Middlesex. *Chem., Phys.* C.*
Williams, J. T., 23 Old Kent Road, London, S.E. *Lepid.*
Williams, M. W., 18 Kempsford Gardens, London, S.W. *Chem., Phys.*
Williams, Rev. William, 14 Queen's Terrace, Glasgow, Scotland.
Williams, W. M., F.R.A.S., Stonebridge Park, Willesden, N.W.
Williamson, Alexander William, LL.D., Prof. of Chem. and Practical Chem., University College, London, 15 Primrose-hill Road, London, N.W.
Williamson, Benjamin, M.A., Trinity College, Dublin, Ireland.
Williamson, William Crawford, Prof. of Nat. Hist., Anat., and Phys., Owen College, Manchester, 4 Egerton Road, Fallowfield, Manchester.
Willis, James, H.M.'s Inspector of Mines, F.G.S., M.I.M.E., 14 Portland Terrace, Newcastle-on-Tyne.*
Willmer, Charles, 55 Woodlands, Tranmere, Birkenhead.
Wills, A. W., Wylde, Green, near Birmingham. *Biol., Mic., Algæ, Desmids.* C. Ex.*
Wilson, Alexander Stephen, North Kinmundy, Summerhill, by Aberdeen, Scotland. *Bot., Experimental and Structural, spec. Embryo of Cereal Grasses, and Plasmodiophora brassicæ Wor.* C.
Wilson, Andrew, M.D., Ph.D., 110 Gilmore Pl., Edinburgh, Scotland. *Biol., Zool.*
Wilson, Charles William, 5 Lansdowne Terrace, Rodwell, Weymouth.
Wilson, Edward, 18 Low Pavement, Nottingham. *Geol., Min.* Ex. Foraminifera, recent and fossil, fossil fish remains.*
Wilson, Edwin, Nat. Hist. Artist, St. Leonard's, Mortlake, Surrey. *British Coleopt.*
Wilson, Erasmus, 17 Henrietta St., Cavendish Sq., London, W.
Wilson, George Fergusson, F.R.S., F.C.S., F.L.S., Heatherbank, Weybridge Heath, Surrey.
Wilson, George, Cross St., Wakefield. *Gen. Ent.*
Wilson, Rev. James Maurice, M.A., F.R.A.S., late Fellow of St. John's College, Cambridge, Clifton College, Bristol.
Wilson, J., 53 Alma Road, Bermondsey, London, S.E. *Lepid.*
Wilson, John, F.R.S.E., Prof. of Agriculture in the University of Edinburgh, Edinburgh, Scotland.
Wilson, Owen S., Cwmffrwd, Carmarthen, Wales. *Lepid.* C. Ex. Eggs of Lepid. desired for figuring species in all their transformations, for publications.
Wilson, Thomas, Holgate Road, York. *Lepid., Hymenop.*
Wilson, Wright, Crescent, Birmingham. *Zool.*
Wiltshire, Rev. Thomas, M.A., 25 Granille Park, Lewisham, London, S.E. *Geol.*
Winbolt, J. S., M.A., Assoc. M. Inst. C.E., F.G.S., 1 Salisbury Villas, Cambridge.*
Winch, W. R., North Mymm's Park, Hatfield, Herts.
Wing, H. Tryon, Lieut. 97th Regiment, Royal Military College, Yorktown, Farnborough Station.
Winwood, Rev. H. H., M.A., F.G.S., 11 Cavendish Crescent, Bath. *Geol.* C.

Winn, Rowland, M.P., 11 Grosvenor Gardens, London, S.W.
Winstone, Benjamin, F.C.S., 53 Russell Sq., London, W.C.
Witchell, Edwin, Stroud, Gloucestershire.
With, George Henry, F.R.A.S., F.C.S., Trinity Coll., Dublin, Agric. and Sanitary Chemist to the Hereford Soc. for Aiding the Industrious, Hereford. *Silver-on-glass specula for Newtonian Telescopes.*
Witts, Rev. Edward Francis, Upper Slaughter, near Stow-on-the-Wold.
Wohlmann, James B., Fore St., Hertford.
Wollaston, G. H., M.A., 24 College Road, Clifton, Bristol.
Wonnacott, John, F.G.S., F.R.G.S., F.R.H.S., East Cornwall College, Liskeard. *Geol., Physiol., Animal and Veg. Physiol.* C.*
Wood, Rev. Henry, Hayton, M.A., F.G.S., Holwell Rectory, Sherborne, Dorset. *Mosses, Hepaticæ, British, recent, and tertiary shells.* C. Ex. Offers British mosses and hepaticæ for foreign.*
Wood, Henry Trueman, B.A., Sec. Soc. of Arts, John St., Adelphi, London, W.C.
Wood, Prof. John, 61 Wimpole St., Cavendish Sq., London. *Human and Comp. Anat.*
Wood, Rev. John George, M.A., F.L.S., 5 Selwyn Terrace, Jasper Road, Upper Norwood, London, S.E. *Zool., Anat., Anth., Eth., Tax., Ent.*
Wood, John H., M.B., Tarrington, Herefordshire. *Lepid.*
Wood, Searles Valentine, Beacon Hill House, Martlesham, near Woodbridge, Suffolk.
Wood, Theodore, 5 Selwyn Terrace, Jasper Road, Upper Norwood, London, S.E. *Ent.: Brit. Coleopt.* C. Ex.*
Wood, Wm., M.D., 99 Harley St., London. *Psychological Medicine.*
Woodall, John Woodall, M.A., F.G.S., St. Nicholas House, Scarborough. *Geol.**
Woodcock, Reginald C., 23 Abingdon St., London, S.W. *Min.*
Woodd, Charles H. Lardner, Roslyn, Hampstead, London, N.W.
Woodhouse, Rev. Thomas Edward, B.A., 183 Amhurst Road, Hackney, London, E.
Woodgate, John, Richmond Road, New Barnet, Herts. *Ent., Exotic Lepid.*
Wood-Mason, James, Painswick, Gloucestershire. *Gen. Biol., Invert. Anat., Articulates, Lepid., Orthopt., Arach., Crustacea.* C. Ex. (See India.)*
Woodward, B. H., 5 Beresford Road, Highbury, New Park. *Min.*
Woodward, C. J., Birmingham and Midland Institute, Birmingham.*
Woodward, Henry, LL.D., F.R.S., British Museum (Natural History Branch), South Kensington, London, S.W.
Woodward, Horace B., Geological Survey of England, Museum, 28 Jermyn St., London, S.W. *English Geol.*
Wooler, William, 6 Wolsey Terrace, King Henry St., Mildmay Road. *Lepid.*
Woolhouse, W. S. B., F.R.A.S., Alwyne Lodge, Canonbury, N.
Woollcombe, Walter G., F.L.S., Cathedral Close, Exeter, Devonshire. *Phæn. Bot.: Mosses, Inorg. Chem., Phys., Elect., Ast., Gen. Biol., Coleopt.* C.*
Workman, Thomas, Bedford St., Belfast, Ireland. *Arach.* C. Ex. Madagascar and S.A. Desires original papers and notes on Arachnida.*
Wormald, Percy C., 2 Clifton Villas, Highgate Hill, London, N. *Ent.*
Worms, Baron George de, F.S.A., 17 Park Crescent, London, N.W.
Worms, Baron Henry de, M.P., F.R.A.S., 4 Old Burlington St., London, W.*

Worsley, Philip, 26 Chester Terrace, Regent's Park, London, N.W.
Worsley, Rev. Thomas, M.A., Master of Downing College, Cambridge.
Worsley-Benison, H. W. S., F.L.S., 25 Grange Road, Canonbury, London, N. *Bot., Mic.**
Worth, Richard Nicholls, 4 Seaton Ave., Mutley, Plymouth.
Woundcott, T., Devonshire House, Farnham, Surrey. *Ast.*
Wray, W., F.R.A.S., Laurel House, North Hill, Highgate, N. *Ast.*
Wright, Bryce, M.M.S., F.R.G.S., F.Z.S., 204 Regent St., London, W. *Min., Crystal., Met., Anth., Arch., Eth., Ethnog., Sponges.* C.*
Wright, Charles A., Kayhough House, Kew Gardens Road, Kew. *Orn.*
Wright, C. R. A., D.Sc., St. Mary's Hospital, Paddington, London. *Chem., Phys.*
Wright, E. Perceval, M.D., Prof. Bot., Univ., Dublin, Ireland. *Orn.*
Wright, J., Backlane, Wakefield. *Gen. Ent.*
Wright, James, F.G.S., Belfast, Ireland. *Geol.*
Wright, Joseph, 1 Donegal St., Belfast, Ireland. *Foraminifera.* C. Ex. recent or fossil Foraminifera.
Wright, Samuel, St. Neots, Huntingdonshire.
Wright, Thomas, M.D., F.R.S., L. & E., St. Margaret's Terrace, Cheltenham.
Wrightson, Thomas, Norton Hall, Stockton-on-Tees.
Wyatt, Claude W., Adderbury, Banbury. *Orn.*
Wyatt, James, Bryn Gwynant, near Beddgelert, North Wales.
Wyatt-Edgell, Arthur, F.G.S., Cowley House, Exeter. *Palæo.: Sil. Lamallibranchiata.**
Wyles, Thomas, F.G.S., Allesley Park Coll., Warwickshire. *Geol., Biol.* C.*
Wynne, Thomas, Manor House, Gnosall, Staffordshire.
Yates, Geo. E., F.S.A., Dean, Villa Swinton, near Manchester. *Ancient and barbaric weapons, coins, relics of savage tribes.*
Yeats, John, LL.D., 7 Beaufort Sq., Chepstow.
Yockney, Samuel Hansard, M. Inst. C.E., 25 Queen Anne's Gate, Westminster, London, S.W.
Yolland, William, 14 St. Stephen's Sq., London, W.
Yool, Henry, Oakfield, Weybridge, Surrey. *Mic.*
York, His Grace William Thomson, D.D., Lord Archbishop of, The Palace, Bishopsthorpe, Yorkshire.
Yorke, John Reginald, Forthampton Court, near Tewkesbury.
Yorke, Philip, Erddig Park, Wrexham, Wales.
Yorkshire Philosophical Soc., Museum, York (W. Keeping).*
Young, Frank W., F.C.S., F.R.S.E., High School, 2 Airlie Terrace, Dundee, Scotland. *Chem.*
Young, James, LL.D., Kelley, Wemyss Bay, near Greenock, Scotland.
Young, Jesse, F.R.G.S., Chesterton Hall, Cambridge.
Young, John, M.D., F.R.S.E., Prof. Nat. Hist., Univ. of Glasgow, Glasgow, Scotland. *Geol., Palæo.*
Young, John, 64 Hereford Road, Westbourne Grove, London, W. *Orn.*
Young, John Thomas, 32 Mount St., London, E.
Young, J. T., 27 Hampton Park Road, Hackney, London, E. *Geol. and Stone Implements.* C.*
Young, Lamont H. G., 9 Manor Road, Forest Hill, London, S.E.
Young, Morris, Free Museum, Paisley, Scotland. *Ent.*
Young, Robert, 7 Donegal Sq. East, Belfast, Ireland. *Arch.* C. Ex.
Younge, Rev. Duke, Puslinch, Yealmpton, Devon. *Elect.*
Younghusband, Charles Wright, Royal Arsenal, Woolwich, and Athenæum Club, London, S.W.

Zambra, Joseph Cæsar, Cambridge Villa, Tufnell Park, London, W.
Zerffi, G. G., Ph.D., F.R.S.L., Prof. Art. Hist. and Sci., South Kensington, 3 Warrington Gardens, Maida Hill, London, W. *Sci. of Gen. and Art. Hist.* C.

GREECE.

Cassimati, Stylianus J., M.P., Athens. *Anthropology, Laws, Politics.*
Cristomanus, Prof., Univ., Athens. *Chem.*
Heldreich, Prof. Th. de, Dir. Bot. Gardens, Athens. *Bot., Zool., Anth.* C. Ex.
Holzmann, Timoléon, Athens. *Bot., Lepid.* C. Ex. Desires Lepidoptera.*
Klœtzcher, H., Royal Gardens, Athens. *Bot.*
Krüper, Dr. Theobald J., Conservator Univ. Museum, Athens. *Zool., Geol.* C. Ex. Coleopt., Hemipt., etc.
Landerer, Prof., Pr. X., Athens. *Bot.*
Lange, Carl Jul., Athens. *Coleopt.*
Locios, Athens. *Chem., Geol.*
Maurocordato, Alexander, Rue de l'Académie, Athens. *Coleopt.*
Mitzopoulos, Prof. E., Athens. *Nat. Hist.*
Munter, Ludvig, Tator, near Athens. *Zool., Lepid.*
Orphanides, Th. G., Athens. *Bot.*
Phassuzlis, Ph., Bot. Gar., Athens. *Bot.*
Poniropoulos, Eutache, Prof. de Botanique à l'Ecole Normale, Prof. des Sciences Naturelles au Collége Royale, Athens. *Bot.**
Rangabé, A. R., Athens.
Read, Gen. John Meredith, Minister to Greece, Athens.
Rosseels, L., Athens. *Chem., Geol.*
Schliemann, Dr. Henry, Athens.
Schmidt, Dr. J., Fr. Julius, Director of Observatory, Athens. *Ast., Meteo., Variable Stars.*
Von Hahn, Dr., Syra.

HELIGOLAND.

Gätke, Heinrich, Sec. to Gov. Heligoland. *Orn.*

HOLLAND.

(*See* NETHERLANDS.)

ICELAND.

Grondal, Prof. Benedikt, Reykjavik (via Leith, Scotland). *Zool.*
Thorvaldur, Modruvellir pr. Akureyri (via Leith, Scotland).

ITALY.

Abetti, Prof. A., Padua. *Ast.*
Acri, Prof. Francesco, R. Univ., Bologna. *Phil.*
Ajuti, L., Florence. *Bot.*
Albicini, Prof. Cesare, R. Univ., Bologna.
Albini, Prof. G., Naples. *Physiol.*

Alessandrini, Sebastiano, R. Univ., Bologna.
Alfieri di Sostegno, Carlo, Presidente del Consiglio e Suprintendente dell' Istituto, Florence.
Amari, Prof. Michele, Florence.
Amicio, Juan d', Geol. Mus., Roy. Univ., Bologna. *Geol., Con.*
Ancona, Dr, Piazza d' Azeglio, 14, Florence. *Ent.*
Andres, Dr. Angelo, Station Zoologique, Naples. *Zoology.*
Anzi, L'abbé M., Como. *Bot., Lichenology.*
Arcangeli, Prof. Dr. Jean, Pisa. *Bot.*
Archibald, A. B., Via Montebello, 15 p.p., Florence. *Coleopt.*
Ardissone, Francesco, Professeur de Botanique à l'Ecole Royale Supérieure d'Agriculture, Milan. *Marine Algæ.* C. Algæ of the Mediterranean. Ex.*
Antonmarchi, Paul Martin, Mem. de la Soc. des botanists de France. Pietza de Verde, Cervione (Corsica.) *Phæn. Bot.*
Armitago, E., Via Ripetta, Palazzo Campana, Rome. *Bot.* C.
Astori, Enrico, R. Univ., Bologna.
Baglietto, Fr., Voltri, near Genoa. *Lichenol., Bot.*
Ballada di, St. Robert Paolo, Turin.
Balsamo, Dr. Franc., Naples. *Bot.*
Baravelli, Dr. Giambattista, Mem. Acad. Sci., Bologna.
Barbaglia, Prof. Dr. G. A., Univ., Pisa. *Pharm. Chem.*
Barbera, Prof. Luigi di Minervino, R. Univ., Bologna. *Phil.*
Barbiani, Giovanni, R. Univ., Bologna.
Barbo, Conte Gaetano, Via San Damiano, 24, Milan. *Ent.*
Bargagli, Pierre, Via dei Bardi, 1, Florence. *Ent., esp. Cetonides, Coleopt.* C.
Bargellini, Dr. Démètre, Via Guelfa, 1, Florence. *Mycol.*
Barilari, Pacifico, Rome.
Baroni, Giov., Borgo la Croce, 53, Florence. *Coleopt., Lepid.*
Baroni P., Bot. Gar., Florence. *Bot.*
Barozzi, Stefano, R. Univ., Bologna.
Bassini, Ugo, R. Univ., Bologna.
Bastérot, Baron De, 148, Via Rosella, Rome.
Bastianini, J., Florence. *Bot.*
Batelli, Dr. Andrea, Arezzo. *Ent.*
Battaglini, Giuseppe, Prof. Geom., Rome.
Battistini Attilio, Rome. *Physiology.*
Baudi di Selve, Flaminio, Via Carlo Alberto, 44, Turin. *Ent.: Coleopt.*
Beccari, Ed., R. Museo di Storia, Naturale, Florence. *Bot.**
Beccari-Incisa, di S. Stefano, Gen. Luigi, Via Giannone, 5, Turin. *Ent.*
Bechi, Prof. Emilio, Roy. Inst. Tech., Florence. *Chem.*
Bellardi, Prof. Luigi, R. Mus. Zool., Turin. *Ent.: Diptera.*
Bellavitis, Prof. Giusto, Padua.
Bellonci, Dr. Giuseppe, Zool. Mus., Bologna. *Comp. Anat.*
Bellucci, Dr. E., Bot. Gar., Portici, near Naples. *Bot.*
Bellucci, Josef, N.H.D., Prof. Univ., Perugia. *Anth., Arch., Eth., Ethnog.* C. Ex. Desires especially objects of prehistoric Arch.*
Belluzzi, Dr. Cesare, Mem. Acad. Sci., Bologna.*
Beltrami, Prof. Eugenio, Pavia. *Math., Phys.*
Beltrani, Vito, Licata, Sicily. *Botany: Cryptogams, Mycology.*
Beni, Dr. Carlo, Tuscany. *Orn.*
Bérenger. J. M. Adolph de, Inspecteur Général des Forets en retraite, jadis professeur d'Histoire Naturelle et d'Economie forest: à l'Ecole forest Villino Ferruzzo, near Vallombrosa (Tuscany.) *Bot.* C. Ex. Desires plants and herbs of the forests of America.

Bergamasco, Camillo, Casal Beltrame (Provincia di Novara.) *Ent.*
Berlese, Antonio, Padua. *Arach.*
Berti, Prof. Leonida, Mem. Acad. Sci., Bologna.
Berthold, Dr. G., Zool. Station, Naples. *Bot., Zool.*
Bertolini, Dr. Antonio, Prof. Cavaliere, Villetta della Fortuna, Bologna. *Bot. and Hort.* C. Ex.
Betocchi, Alessandro, Rome.
Betta, Antonio, Via S. Bartolommeo, 228, Pavia. *Ent.: Coleopt.*
Betti, Enrico, Prof. Phys., Pisa.
Biagi, Dr., Clodoveo, Mem. Acad. Sci., Bologna.
Bianca, Joseph, Avola, Sicily. *Bot.*
Bicchi, Prof. Dr. C., Lyceum, Dir. Bot. Gar., Lucca.
Billi, Dr. Luigi, Via de' Servi, 15 p. t., Florence. *Acari, Ent.*
Biondi, Antonio, Member of the R. Horticultural Society, Agronom, Via dei Serragli, 115, Florence. *Bot.* C. Ex. for European Flora.
Bizzozero, Giacomo, Con. du Jardin Botanique, Padua. *Bot.* C. Plants of the Flora of Venice. Ex. Offers Phanerogams and Vascular Cryptogams, Venice, in exchange for those of Europe.
Blaserna, Prof. Pietro, Rome. *Phys.*
Boccaccini, Prof. C., Lyceum, Cuneo. *Bot.*
Bodio, L., Rome.
Boldrini, Dr. Luigi, Castel d'Ario (Mantovano). *Ent.*
Bombicci, Luigi, Via Mazzini, 20, Bologna. *Min.*
Bombicci, Porta (Com. Chev.) Louis, Prof. de Minéralogie et le Directeur du Cabinet Minéralogique de l'Université Royale, Bologna. *Min.* C. 26,000 specimens in the University. Ex. Offers mineral crystals of Italy in exchange for those of other countries.
Bonardi, Dr. Edoardo, R. Univ., Pavia. *Chem., Geol., Lithol.*
Bonatelli, Prof. Francesco, R. Univ., Bologna.
Boncompagni, Prince Balthasar, Rome.
Borzi, Dr. Antonio, Professeur de Botanique à l'Université Royale et Directeur du Jardin Botanique, Messina, Sicily. *Bot., Algæ, etc.* C. Ex. Desires to exchange plants of Sicily for Algæ, Quercus, and Salia of America.
Boschi, Prof. Pietro, Mem. Acad. Sci., Bologna. *Geom.*
Bosi, Prof. Federico, R. Univ., Bologna.
Bozzo, Prof. G., Sec. R. Acad. Sci., Palermo, Sicily. *Bot.*
Bracciforti, Prof. Alberto, Via Diritta, 130, Piacenza. *Ent.*
Brandt., Dr. Karl, Bibliothécaire de la Station Zoologique, Naples. *Protozoa.*
Brioschi, Francesco, Dir. Inst. Tech., Milan. *Math.*
Briosi, J., Prof. Univ., Dir. Agric. Station, Rome. *Physiol., Agric., Bot.*
Brizi, Dr. Orestes von, Sec. Acad. Sci., Arezzo.
Brizio, Prof. Edoardo di Torini, R. Univ., Bologna. *Arch.*
Brogi, Sigismondo, Naturaliste à la Royale Acad. des Fisiocritici, Piazza S. Agostino, 5, Siena. *General Sciences.* C. Buys, sells, and exchanges Natural History objects, except Botanical specimens.
Brugnoli, Prof. Dr. Giovanni, Mem. Acad. Sci., Bologna.
Bruno, Dr. F., Bot. Gar., Turin. *Bot.*
Bruschi, Prof. Al., Univ., Perugia. *Bot.*
Bubani, Dr. Pietro, Bagnacavallo (Emilia). *Bot.* C. Ex.
Cacciatore, Gaetano, Palermo, Sicily. *Ast.*
Calderini, Prof. Pietro, Varallo. *Ent.*
Caldesi, Ludovic, Faenza. *Bot.*
Callegari, Ferdinando, Campo della Guerra, Venice. *Ent.*
Calori, Prof. Luigi, Mem. Acad. Sci., Bologna.

Caluri, Olivio, Pisa. *Ent.*
Calzolari, Cesare, R. Univ., Bologna.
Camerano, Dr. Aggregato Lorenzo, Assistente al R. Museo Zoologico, Turin. *Zool.**
Cammarota, Gaetano, Rome. *Ent. Bot.*
Canepa, J. B., Bot. Gar., Rome.
Canestrini, Prof. Giovanni, Univ., Padua. *Anth., Ichth., Arach.* C. Ex.*
Canestrini, Ricardo, Dr. Nat. Hist., Padua. *Ent., Arach.**
Canevazzi, Silvio, R. Univ., Bologna.
Cantoni, Prof. Gaetano, Dir. Agric. Station, Milan. *Bot.*
Cantoni, Giovanni, Prof. Phys., Pavia.
Cannizzaro, Prof. Stanislao, Istituto Chimico della Regia Universita di Roma, Via Panisperna, Rome. *Chem.**
Capellini, Giovanni, Via Zamboni, 59, Bologna. *Geol.*
Cappannelli, Giuseppe, Cortona. *Ent.*
Capranica, Stefano, Rome. *Phys. Chem.*
Carega, Francesco, R. Univ., Bologna. *Agron.*
Carestia, l'Abbé Ant., Riva Valdobbia (Varallo). *Bot.*
Carini, Giulo, R. Univ., Bologna.
Carlucci, M., Avellino. *Bot.*
Carpegna, Count Guido, Rome. *Ent.*
Carpene, Prof. A., Conegliano. *Bot.*
Carrara, Guido Luigi, Lucca. *Coleopt.*
Carruccio, Prof. Antonio, R. Univ., Modena. *Ent.*
Caruel, Teodora, Professeur de Botanique et Directeur du Jardin et du Musée Botanique, de l'Institut des Etudes Supérieures, Florence. *Bot.*
Carutti, Baron Domenico, Rome.*
Casoni, Dr. Giulio, Mem. Acad. Sci., Bologna.
Casorati, Prof. Felix, Université, Pavia. *Mathematical Analysis.**
Cassani, Prof. Giacomo, R. Univ., Bologna.
Castaldini Luciano, R. Univ., Bologna.
Castelli, David, Professore straordinario di Lingua ebraica, R. Istituto, Florence,
Castracane, degli Antelminelli, Conte Alessandro, Piazza delle Capello, 50, Rome. *Silk Culture, Diatoms.* C. Ex.
Cattaneo, Dr. Achille, Pavia. *Bot.*
Cattaneo, Giacomo, Dr. Nat. Sci., Lab. d'Anatomia comparata dell' Univ., Pavia. *Mic., Gen. Biol., Moll., Protozoa, Infusoria.**
Cavanna, Dr. Guelfo, Sec. Société Entomologique, al Regio Museo, Via Romana, 19, Florence. *Arach., Hemipt., Comp. Anat.* Ex. Myriapods, Spiders, and Hemiptera for the R. Museum.*
Cavazzi, Dr. Alfredo, R. Univ., Bologna.
Cazzuola, Ferd., Bot. Gar., Pisa. *Bot.*
Ceccoti, N., Bot. Gar., Parma. *Bot.*
Ceneri, Giuseppe, R. Univ., Bologna.
Cerletti, Prof. G. B., Conegliano. *Bot.*
Cernello, Dr. V., Univ., Palermo, Sicily. *Bot.*
Cesati, Vincenzo, Prof. Bot., Roy. Univ., Naples.*
Chiamenti, Dr. Alex., Presidente del Comisiò Agricolo, Chioggia. *Bot., Moll.* C. Ex.*
Chiovenda, Umberto, Domo d'ossola. *Ent.*
Ciaccio, Prof. Giuseppe, Mem. Acad. Sci., Bologna. *Math., Phys., Anat.*
Cialdi, Com., Dir. Naval Works, Rome.
Cianchettini, Dr. Guilio, R. Univ., Museo Zoologico, Via Della Crocetta, 3, Genoa. *Zool., Crustacea.**

Cicone, Dr. Lepoldo, Univ., Naples. *Phys.*
Citarda, N., Bot. Gar., Palermo, Sicily. *Bot.*
Cobbold, C. H., San Valentino, Abruzzo Citeriore.
Cocchi, Prof. Igino, Florence. *Geol.*
Cocconi, Prof. Girolamo, Mem. Acad. Sci., Bologna. *Bot.*
Coees, Prof. Dr. Horace, Inst. Tech., Naples. *Bot., Nat. Hist.*
Cogollo, Girolamo, Vicenza. *Ent.*
Colasanti, Giuseppe, Professore di Fisiologia, Universita, Camerino. *Physiology.*
Coletti, Prof. Dr. Ferd., Univ., Padua. *Bot.*
Colognesi, Prof. Alfonso, Mem. Acad. Sci., Bologna.
Comes, Dr. Orazio, R. Scuola Superiore d'Agric. in Portici, Naples. *Fungi.*
Conestabile, Giancarlo, Perugia. *Arch.*
Console, Prof. Dr. Michelangelo, Via Stobile, 281, Univ., Palermo, Sicily.
Conti, Augusto, Professore ordinario di Filosofi a teoretica e morale, R. Istituto di Studi Superiore, Florence. *Phil.**
Corradi, Prof. Alfonso, Pavia.
Corrado, Annibale, Prof. Math., Naples.
Corridi, Prof. Francesco, Rome.
Corsini, Tommaso, Florence. *Ent.*
Cortese, Prof. Francesco, Rome.
Corsi, Arnaldo, Rue Volfondo, Florence. *Min.*
Corti, Dr. San S. B. A. de, Turin. *Bot.*
Cossa, Alfonso, Prof. Chem., Roy. Ind. Mus., Turin.
Costa, Prof. Achille, Dir. Roy. Mus. Zool., Naples. *Ent.*
Cremona, Luigi, Prof. Math., Univ. S. Pietro in Vincoli, 5, Rome. *Math.**
Cristofani, H., Pisa. *Bot.*
Cugini, Prof. Carlo, Parma. *Ent.*
Cugini, Prof. Dr. G., Univ., Bologna. *Physiol., Bot.*
Curo, Antonio, Bergamo. *Lepid.*
D'Achiardi, Antonio, Prof. Univ., Pisa. *Min.*
Dainelli, Dr. Ugo, R. Univ., Bologna.
Dal-Fiume, Camillo, Badia Polesine (Veneto). *Ent.: Coleopt., Lepid.**
Dalle Donne, Gaetano, R. Univ., Bologna.
D'Amato, Dr. Fred., Inst. Tech., Teramo. *Bot.*
Damiani, Gian Maria, R. Univ., Bologna.
Damry, Naturalist, Ozièri, Sardinia. *Coleopt., Hemipt., Dipt., Hymenop., Orn. of the Islands in the Mediterranean.* C. Ex. for Hyrocanthus, Polpicorns, Pselaphidæ, Scydmæmidæo of Europe.
D'Ancona, Cesare, Docteur ès sciences, agregé pour la paléontologie au Musée d'histoire naturelle, Piazza d' Azeglio, 14, Florence. *Palæontology, Living Malacology.* Ex. for Museum, Fossils and L. and F. W. shells.
D'Apel, Luigi, R. Univ., Bologna. *Phil.*
D'Arcais, Prof. Francesco, Mem. Acad. Sci., Bologna.
Defilippi, Michel, Bot. Gar., Turin. *Bot.*
De Gasparis, Annibale, Dir. Roy. Obs., Naples. *Ast.*
De Gregorio, Marquis Antonio, Dr. Nat. Sc., Via Molo, Palèrmo, Sicily. *Invert. Palæo., Geol., Fossils of the Tertiary Period, Corals of Jura and Lias.**
De Gregorio, Giacomo, Via Molo, Palermo, Sicily. *Philol.**
Dehnhardt, Alfred, Bot. Gar., Naples. *Bot.*
Della Valle, Prof. Dr. Antonio, Liceo Umberto, 1, Naples. *Copepo da Normal Amphipoda, Compound Ascidians.**

Dei, Apelle, Secrétaire de la Commission Ampelographique de Sienne, Via Dei Tufi, 1, Siena (Tuscany). *Zool., Orn., Ent., Comp. Anat.* C. Offers birds' skins and insects of the orders of Coleoptera, Orthoptera, Hemiptera, and Lepidoptera in exchange for Neuroptera, especially Termitidæ.
Del Gaizo, Modestino, Univ., Naples. *Phys.*
Delpino, Federigo, Prof. Bot., R. Univ., Genoa. *Ent.*
Delponte, Prof. G. B., Turin. *Bot.*
Denza, Padrie F., Dir. del Osservatorio Carlo Alberto, Moncalieri, Turin. *Meteo.*
De Paolis, Prof. Riccardo, R. Univ., Bologna. *Geom.*
De Rossi, Prof. Michele Stefano, Rome.
De Sanctis, Leone, Prof. Zool., Rome.
Desimoni, Caballero C., Genoa.
Devincenzi, G., Senator, Giulianova, Sicily. *Agric.**
De Zigno, Baron Achille, Padua. *Geol.*
Diblassi, Prof. Dr., R. Lycéum, Palermo, Sicily. *Bot.*
Di Stefano, Dr. Giovanni, Via Aloro, 14, Palermo, Sicily. *Palæo., Con.*
Doderlein, Prof. Pietro, Palermo, Sicily. *Zool., Ichth.*
Dohrn, Prof. Dr. Anton, Zoological Station, Naples. *Zool.*
Donati, Prof. Luigi, R. Univ., Bologna. *Math.*
Dodero di Giustino, Agostino, Genoa. *Coleopt.* C.*
Doria, Marquis G., Museo Civico di Storia Naturale, Genoa. *Vertebrates.**
Dorna, Alessandro, Dir. Roy. Ast. Obs., Turin.
Dufour, Luigi, Via Balbi, 15, Genoa. *Bot., Algol.*
Elsig, Dr. Hugo, Zool. Sta., Naples. *Zool.*
Emery, Carlo, Prof. di Zoologia nella R. Università, Bologna. *Comp. Anat., esp. of Vertebrates, Entomology, Natural History of Ants.* C. Ex. Offers ants of Europe for foreign specimens, copies of his works against analogous publications.
Ercolani, Prof. G. B., Sec. Acad. Sci., Bologna.
Fabbri, Dr. Ercole-Federico, Mem. Acad. Sci., Bologna.
Fabretti, Prof. Ariodante, Univ. Turin. *Arch.*
Faccioli, Prof. Raffaele, R. Univ., Bologna.
Fagnoli, Dr. N. U. Giuseppe, Mem. Acad. Sci., Bologna.
Failla-Tedaldi, Luigi, Castelbuono, Palermo, Sicily. *Ent.*
Fais, Prof. Antonio, Mem. Acad. Sci., Bologna.
Fanelli, Brandimarte, Sarteano, Siena. *Ent.*
Fanzago, De. Filippo, Prof. nell' R. Univ., Sassari. *Myriopoda, Acari, Zool.* C. Ex.
Fea, Leonardo, Civ. Mus., Genoa. *Ent.**
Federici, Antonio, Prof. di Botanica nel' Università, Urbino. *Bot.*
Felici, Riccardo, Prof. Phys., Pisa.
Fenzi, E O., Pres. Hort. Soc., Via S. Gallo, 10, Florence. *Bot. Ent.: Lepid.*
Fergola, Obs., Naples. *Ast.*
Ferranti, Vincenzo, R. Univ., Bologna. *Phil.*
Ferrari, Constantino, R. Univ., Bologna.
Ferrari, Pietro, 40, Via Consolazione, Genoa. *Hemipt.*
Ferrero, Prof. U., Dir. Agric. Station, Caserta. *Bot.*
Ferrini, Rinaldo, Inst., Milan. *Phys.*
Ferrucci, Prof. Michele, R. Univ., Bologna.
Fiaschi, Tito, Segretario Capo e per la Sezione di Filosofia e Filologia, Florence. *Phil., Philol.*
Filipperi, Eugenia, 43, Corso Tinton, Florence. *Ent.: Coleopt.*
Filippi, Angelo, Professore straordinario di Medicina legale, R. Istituto, Florence.

Filopanti, Prof. Quirico, Mem. Acad. Sci., Bologna.
Fiorini, Matteo, Via Mazzini, 37, Bologna. *Geodesy.*
Fontana, Giuseppe, Sec. R. Univ., Bologna. *Geol., Palæo., Con.*
Foresti, Dr. Ludovico, Mem. Acad. Sci., Bologna.
Fornasini, Carlo, Geol. Museum, Bologna. *Palæo.*
Franchi, Tito, Genoa. *Ent.*
Francolini, Massimiliano, Rimini. *Ent.*
Francs, Dr. Pasquale, Univ., Naples. *Min., Geol.*
Franke, Dr. Max, Messina, Sicily. *Bot., Physiol. of plants.*
Frati, Luigi, R. Univ., Bologna.
Freda, Dr. Giovanni, R. Liceo Genovesi, Naples. *Min.*
Freda, Dr. P., Rome. *Agric., Bot.*
Gamberini, Pietro, Prof. à l'Université, Rue des Beaux Arts, 15, Bologna. *Dermatology.* C. Offers "Treatise on Maladies of the Tongue."
Garbiglietti, Dr. Antonio, Via dell' Accademia Albertina, 5, Turin. *Coleopt., Hymenop., Hemipt.**
Garbocci, A., Pisa. *Bot.*
Garibaldi, Prof. Univ., Genoa.
Garzoni, March. Giuseppe, Via dei Ginori, 17, Florence. *Ent.*
Gasco, Prof. Francesco, R. Univ., Genoa. *Zool.*
Gelarda, Prof. Dr., Inst. Tech., Palermo, Sicily. *Bot.*
Gemmellaro, Prof. Dr. Carl, Univ., Catania, Sicily. *Min., Geol.*
Gemmellaro, Prof. Gaetano Giorgio, Roy. Univ., Palermo, Sicily. *Min., Geol.*
Gemmi, J., Florence. *Bot.*
Gennarelli, Achille, Professore ordinario di Archeologia, R. Istituto, Florence. *Arch.*
Gennari, Prof. Dr. P., Univ., Cagliari, Sardinia. *Bot.*
Genocchi, Angelo, Turin. *Math.*
Gentile, Prof. Giacomo, R. Inst. Tech., Porto Maurigio. *Bot.*
Gestro, Dr. Raffaello, Museo Civico di Storia Naturale, Genoa. *Coleopt.**
Ghelli, Pietro, R. Univ., Bologna.
Gherardi, Com., Dir. Inst. Tech., Florence.
Giacomelli, Prof. Enrico, Mem. Acad. Sci., Bologna.
Gianelli, Giacinto, Place Victoir Emanuel, 21, Turin. *Lepid.* C. Ex. for good specimens.
Gibelli, Dr. Giuseppe, Professore di Botanica nella R. Università, Bologna. *Bot.* Diseases of plants.
Gibello, Prof. J., Turin. *Bot.*
Giesbrecht, Wilhelm, Stazione Zoologica, Naples. *Zool., Crustacea.*
Giglioli, Henry Hillyer, Prof. Zoology and Comp. Anatomy of Vertebrate Animals, and Director Zool. Mus., R. Univ., Florence. *Zool., Anat., Palæo., and Geol. Dist. of Vertebrates, Anath.* C. Ex. Italian Vertebrates in exchange for Vertebrates and Ethnological objects from any part of the world.
Giorgini, Prof. Gaetano, Pisa.
Ginori, March Carlo, Via dei Ginori, 11, Florence. *Ent.*
Giordano, Felice, Inspector Gen. of Mines, 105, Via dell' Archetto, Alla Pillota, Rome. *Geol.*
Giordano, Prof. Jos. Camille, Inst. Tech. Tarsio, Naples. *Bot., Bryol.*
Giovanetti, Carlo, R. Univ., Bologna.
Giovanni, A. Phil., Bot. Gar., Bologna. *Bot.*
Giudici-Albergotti, De, March. Angiolo Lorenzo, Arezzo. *Ent.*
Giuli, Giuseppe, Siena.
Giusti, Prof. Emilio, R. Univ., Bologna.
Gioran, Prof. Augustin, Lyceum, Verona. *Phys., Bot.*
Gonzaga, Ferrante, Palazzo Gonzaga, Mantova. *Ent.*
Gotti, Prof. Alfredo, Mem. Acad. Sci., Bologna.

Gotti, Dr. Vincenzo, R. Univ., Bologna.
Govi, Gilberto, Prof. Phys., Naples.
Gozzadini, Comte Jean, Docteur de la faculté filosophique-filologique d. l'Université, Senateur du Royaume d'Italia, etc., Bologna. *Anth.**
Grandi, Dr. Giacomo, Mem. Acad. Sci., Bologna.
Grassi, Giov. Batt., Rovellasca, Como. *Zool.*
Grattarola, Prof. G., Piazza S. Marco, Florence. *Min.*
Gregorio, Rigo, Torri del Benaco, Verona.*
Gribodo, Giovanni, Ingénieur Assistant à l'Université, Rue Accademia Albertina, 5, Turin. *Hymenop.* C. Ex. Very desirous to buy or exchange Chrysides and Evanides.*
Groves, H., Bogognissanti, 15, Florence. *Bot.*
Gualandi, Dr. Francesco, Mem. Acad. Sci., Bologna.
Gualandi, Dr. Giovanni, Mem, Acad. Sci., Bologna.
Guicciardini, Count Piero, Via dei Guicciardini, 17, Florence.
Guidi, Louis, Prof. d'Histoire Naturelle à l'Institut Technique, Pesaro (Marches). *Bot., Geol.* C. Ex.
Guiscardi, Guglicluro, Prof. Univ., Naples. *Geol.*
Hawkins, Thomas, Naples.
Inzenza, Prof. Dr., Univ., Palermo, Sicily. *Agric., Mycol., Bot.*
Issel, Prof. Arturo, R. Univ., Genoa. *Geol., Min., Malacol.*
Jatta, Antoine, Ruvo di Puglia. *Bot., Lichenol.*
Jervis, Cavaliere Gualielmo, Conservatore del Reale Museo Industriale Italiano, Turin. *Geol., Min., Lithol.**
Johnston-Lavis, H. J., M.R.C.S., L.S.A., F.G.S., Palazzo, Crocelle, 27, Chiatomone, Naples. *Palæo., Geol., Min., Chem., Elect., Mic., Meteo., Gen. Biol., Geog. Dist.* C. Ex.*
Keeler, Prof. Dr. Ant., Univ., Padua. *Agron., Bot.*
Kminek-Szedlo, Giovanni, R. Univ., Bologna.
Koenig, Dr. Fr., Dir. Oenolog. Versuchstation, Asti. *Agric., Org. Chem., Min., Meteo.**
Lancia De Brolo, Frédéric, Secrétaire de l'Ac. des Sciences, Via Macqueda, 336, Palermo, Sicily. *Malacol., Palæo., Geol.* C. Ex. Offers volcanic rocks of Ætna, minerals of sulphur, L. and F. W. shells.
Lang, Dr. Arnold, Zool. Sta., Naples. *Zool.*
Lanzi, Dr. Matth., Via Cavour, 6, Rome. *Bot., Mycol.*
Lawley, Roberto, Montecchio, near Pontedra (Pisa).
Leonesi, Augusto, R. Univ., Bologna.
Lepori, Dr. Cesare, Prof. R. Univ., Cagliari, Sardinia. *Ent.*
Levier, Dr. Emile, Borgo San Frediano, 16, Florence. *Bot., Phanerogams, Bryology.* C. Ex. Offers Phanerogams and mosses of Italy, Corsica, Spain, and Portugal for mosses of America.
Libassi, Prof. Le Père, Seminary, Palermo, Sicily. *Bot.*
Licopoli, Prof. Dr. Caj., Lyceum Victor-Emmanuel, Naples. *Bot.*
La Bianco, Salvatore, Stazione Zoologica, Naples. *Preservation of Marine Animals.*
Lodi, Prof. Fortunato, R. Univ., Bologna.
Lo Jacono, Michel, Botanic Con. des Herbiers du Jardin Bot., Piazza Sto. Spirito, 5, Palermo, Sicily. *Phytog., Organog., Monog. of Genera Trifolium, Orobanche, especially of Sicily.* C. Ex.
Lombardini, Elia, Milan.
Lorenzini, Demetrio, Poretta. *Coleopt.*
Lorenzona, Prof. A., Dir. Osservatorio, Padua. *Ast.*
Loreta, Prof. Pietro, Mem. Acad. Sci., Bologna.
Lucca, Prof. Chem., Univ., Naples.

Macchiati, Dr. Luigi, Prof. di Storia Naturale nel Bo. Istituto Tecnico, Reggio, Calabria. *Bot., Hemipt.**
Macchiavelli, Leopoldo, R. Univ., Bologna.
Maestri, Ulisse, Capitano del, 25, Fanteria, Naples.
Maggi, Dr. Leopoldo, Prof. Univ., Pavia. *Anat.*
Maggiorani, Carlo, Prof. Emer., Rome.
Magnaguti-Rondinini, Cte. Antoine, Mantua (Lombardy). *Bot., Con.* C. Ex. Offers specimens of plants and mushrooms of Central Europe and the Mediterranean, especially of Algeria.*
Magni, Francesco, Pres. R. Univ., Bologna.
Magretti, Dr. Paolo, Mus. R. Univ., Pavia. *Zool., Comp. Anat., Hymenop.**
Majocchi, Prof. Domenico, R. Univ., Parma. *Mycol.*
Major, Dr. J. C. Forsyth, Piazza S. Marco, Florence. *Palæo.*
Malfatti, Giovanni, Professore di Scienze Naturali, Milan. *Ent, Orthopt., Fossil Insects.* C. Ex. Offers Orthoptera of Lombardy and Italy for foreign.
Malinoerni, Alexis, Quinto-Vercellere, near Vercelli. *Bot.*
Mamiani, Prof. Rovere, R. Univ., Bologna.
Manetta, Prof. Filippo, 4, Borgo Nuovo, Turin.
Manganotti, Prof. Ant., Lyceum, Mantua. *Bot.*
Manganotti, Dr., Sec. Acad., Verona. *Bot.*
Mantegazza, Prof. Paolo, Pres. Anth. Soc. of Italy, Via Gino Cappeni, 3, Florence. *Anth., Eth., Ethnog.* C. Ex.*
Manzoni, Count Angelo, M.D., 32, Via Barberia, Bologna. *Geol., Palæo.*, Ex. especially Echinoderms and fossil sponges. C.
Marchi, Prof. Pietro, Via Degli Alfani, 50, Florence.
Marconi, Dr. Scipone, Via Santa Appollonia, 18, Florence.
Marconi, Prof. Francesco, Bologna.
Marcucci, Dr. E., 48, Borgo Tegolasa, Florence. *Bot.*
Morescotti, Prof. Angelo, R. Univ., Bologna.
Martelli, Ugolino, Via Forra, 8, Florence. *Bot.*
Martini, Tito, Venice. *Phys.*
Masè, l'Abbé Franc, Casteldario, Mantua. *Bot.*
Masi, Francesco, R. Univ., Bologna.
Massalongo, Dr. Carus, Prof. de Bot. à l'Université, et Directeur du Jardin Bot., Ferrara. *Bot.: Cryptogams.* C. Ex. Hepaticæ of Europe for those of America.
Massarenti, Prof. Carlo, Mem. Acad. Sci., Bologna.
Massimo, Mario, Rome.
Masini, J., Siena, *Bot.*
Matteuzzi, Federico, R. Univ., Bologna.
Mauri, P., Bot. Gar., Rome. *Bot.*
Mayer, Dr. Paul, Zool. Sta., Naples. *Zool.*
Meda, Enrico, Capo stazione, Oneglia (Liguria).
Meli, Romolo, Prof. of Geol. and Ass't in Museum of Geol. in R. Univ., Rome. *Invert. Palæo., Moll.* C. Ex.*
Mella-Arborio, Count Charles, Vercelli. *Bot.*
Meneghini, Giuseppe, Prof. Geol. Univ., Pisa. *Bot.*
Metelli, Capt. Dott, Medio nel, 63, fanteria, Messina, Sicily.
Michelacci, Prof. Augusto, Via Pinti, 57,2, piano, Florence.
Millosevich, Elia, Vice Direttore dell' osservatorio astronomico del Collegio, Rome. *Ast.*
Minarelli, Giuseppe, R. Univ., Bologna.
Minich, Serafino, Prof. Emer., Padua. *Math.*
Moleschott, Jacopo, Professore di Fisiologia Nella Sapienza di Roma. *Physiol.*
Molfino, Gio. Maria, Advocato Professore di Fisico, Genoa. *Ent.*

Moni, Olinto, Bagni di Lucca. *Coleopt.*
Montanari, Prof. Antonio di Meldola, R. Univ., Bologna.
Monterosato, Marchese di, 14, Via Carella, Palermo, Sicily. *Con.**
Monti, Cleto, R. Univ., Bologna.
Monti, Gio. Battista, R. Univ., Bologna.
Morettini, Al., Perugia. *Bot.*
Mori, Prof. Ant., Bot. Gar., Pisa. *Bot.*
Moriggia, Aliprando, Professore in Istologia e Fisiologia, Via 4, Fontane, Rome. *Physiol., Emb.*
Mosso, Angelo, Prof. Physiol., Roy. Univ., Turin.
Murri, Prof. Augusto, Mem. Acad. Sci., Bologna.
Nallino, Prof., Dir. Agric. Station, Udine. *Bot.*
Negri, Dr. A., Padua. *Geol., Palæo.*
Negri, Cristofore, Florence.
Negri, F., Casale-Monferrato. *Bot., Mic., Diatoms.**
Nencioni, J., Bot. Gar., Pisa. *Bot.*
Neri, Bruno, R. Univ., Bologna.
Nicolis, Enrico, Verona. *Geol.*
Nicolucci, Giustiniano, Prof. d'Anthropologie à l'Université, Sette Dolori, 66, Naples. *Anth. and Prehistoric Arch.* C. Ex. Offers ancient and modern skulls of Italy, and prehistoric objects in stone, in exchange for the same from America.
Nicotra, Dr. Léopold, Université, Messina, Sicily. *Bot.*
Ninni, Count, Dr. Alessandro, Membro del Comitato divettivo del Civico Museo St. Lorenzo, 3392, Venice.*
Nobile, Prof. A., Capodimonte, Naples, *Ast.*
Nobili, Niccolo, Via dei Ginori, 6, Florence.
Nocentini, Lodovico, R. Istituto, Florence.
Occhini, Dr. Francesco, Via del Corso, 499, Rome.
Omboni, Giovanni, Prof. de Géologie à l'Université, Padua. *Geol., Palæo.* C. Director of the Museum of Geol. of the Univ.*
Pacini, Prof. Filippo, Hopital de S. Maria N., Florence.*
Padula, Fortunato, Dir. Roy. Sch., Naples. *Math.*
Paganucci, Luigi, Professore ordinario di Anatomia descrittiva, R. Istituto, Florence.
Pagliari, Luigi, R. Univ., Bologna.
Palagi, Dr. Alessandro, Mem. Acad. Sci., Bologna.
Palasciano, Prof. Ferdinando, Naples.
Palumbo, Prof. Augusto, Castelvetrano, Sicily.
Panizzi, Franz, San Remo.
Pantanelli, Dr. Dante, Siena. *Con.*
Paoli, Cesare, Incaricato dell' insegnamento della Paleografia e della Diplomatica, R. Istituto, Florence.
Paolucci, Prof. L., Inst. Tech., Ancona. *Bot.*
Papasogli, Prof. J. P., Inst. Tech., Alessandria. *Bot.**
Parona, Corrado, Prof. Zool., Anat., and Comp. Physiol., Univ., Cagliari, Sardinia. *Zool., Thysanura, Worms, Protozoa, Infusoria.**
Parona, Dr. Charles Fabricius, R. Univ., Pavia. *Palæo.* (*Brachiopods and Cephalopods of Lias and Jura*), *Geol.**
Parona, Dr. Ernesto, Dir. de l'Hopital, Varese. *Helmintology.*
Pascucci, Dr. Luigi, Mem. Acad. Sci., Bologna.
Pasquale, F., Inst. Tech., Naples. *Bot.*
Pasquale, Prof. Dr. J. A., Via Crocelle a San Gennaro, 74, Naples. *Bot.*
Pasqualini, Prof. A., Dir. Agric. Station, Forli.
Passerini, Dr. Giovanni, Prof. di Botanica, Rettore della R. Università, Parma. *Bot.: Phanerogams, Mycology, Ent., Aphides.* C.*
Paterno, Emanuele, Prof. Chem., Roy. Univ., Palermo, Sicily.

Paulucci, Marchesana, Florence, Villa Novoli. *Moll.*
Pavesi, Prof. Dr. Pietro, Dir. del Museo di Zoologia nella R. Università, Pavia. *Zool., Geog. Dist., Ichth., Arach., Entomostraca.* C. Ex.*
Pecorara, G., Milan. *Bot.*
Pedicino, Prof. Dr. Nicolas A., Univ., Dir. Bot. Gar., Rome. *Bot.*
Pelliccioni, Gaetano, R. Univ., Bologna. *Phil.*
Penzig, Dr. Otto, Docente-privato, R. Orto Botanico, Padua. *Bot.* (*Anatomy, Morphology*). C. Ex. European plants.*
Pepoli, Count Carlo, R. Univ., Bologna.
Perazzi, Commendatore C., Councillor of State, Rome.
Peroglio, Prof. Celestino di Palestro, R. Univ., Bologna. *Geog.**
Perreau, Pietro, Bibliotecario della Reale, Biblioteca, R. Istituto, Parma.
Pescetto, Capt. Federigo, Turin. *Lepid.*
Piana, Dr. Gian-Pietro, Professore di Anatomia Patologica Comparata, Insequante nella Regia Università, Parma. *Comp. Anat., Pathol., Helminthology.**
Piazza, Prof. Pietro, Via Zamboni, 29, Università, Bologna. *Org. Chem.*
Piccardi, Carlo, Bot. Gar., Sassari. *Bot.*
Piccioli, Ferdinando, Aggreg. al. R. Museo, Via Romana, 19, Florence. *Coleopt., Hymenop.*
Piccone, Dr. Antoine, Professeur d'Histoire Naturelle, R. Lycée Cristoforo Colombo, Corso Paganini, 67, Genoa. *Bot.: especially Algology.* C. Ex. Algæ of the Mediterranean for those of other localities.*
Pieri, Count Antonio dei Marchesi Nerli, Taverne d'Arabia, Siena.
Pigal, G., Padua. *Bot.*
Pigorini, Prof. Luis, Dir. Arch. Mus., Rome. *Arch.*
Pincitore-Marott, Jacques, Dr. en Jurisprudence et en Sciences Naturelles, Via Alacqueda, 129, p.' p.', Palermo, Sicily. *Ent.: Lepid., Coleopt., Shells.* C. Ex. Coleoptera and Lepidoptera of Europe only.
Pini, Napoleone, Ragioniere, Via del Crocifisso, 6, Milan. *Coleopt.*
Piolti, Giuseppe, Dr. Nat. Sci., Asst. al. Museo Mineralogico dell' Univ. di Turin, Via Arsenale, 6, p. 3, Turin. *Lithol., Arch., Ent.: Coleopt.**
Pirazzoli, Dr. Odoardo, Imola. *Coleopt.*
Pirona, Dr. J. A., Udine. *Bot.*
Pirotta, J., Bot. Gar., Modena. *Bot.*
Pirotta, Prof. Dr. Romualdo, R. Lyceum, Alessandro. *Bot., Mycol.*
Pivazzoli, Ed., Imola. *Ent.: Coleopt.*
Pizzi, Prof., Vicebibliotecario della R. Biblioteca, Mediceo-Laurenziana, Florence.
Pochettino, Prof. J., Inst. Tech., Rome. *Bot.*
Ponzi, Giuseppe, Prof. Geol., Rome.*
Pozzi, Giuseppe Ernesto, Via Po, 25, Turin.
Pozzolini, Enrico, Via dei Pilastri, 31, Florence. *Ent.*
Prada, Prof. Dr. Teodore, Pres. Inst. Tech., Pavia. *Ent.. Coleopt.*
Predieri, Dr. Paolo, Mem. Acad. Sci., Bologna.
Puini, Carlo, Professore Straordinario di Storia e Geografia dell' Asia Orientale, R. Istituto, Florence. *Geography.**
Pullé, Francesco L., Professore di Storia comparata delle Lingue classiche e neo-latine, R. Università, Padua.
Quadri, Dr. Achille, Prof. Zool. and Comp. Anat., R. Univ., Siena. *Gen. Ent.*
Ragazzi, Dr. Vincenzo, R. Univ., Modena.
Ragusa, Enrico, Dir. Naturalista Siciliano, Via Stabile, 89, Palermo, Sicily. *Coleopt., Lepid.**

Ranieri, Dr. Peni, Villa di Grignano, Prato. *Hort.* C. Ex.
Rasponi, Delle Teste Conte Luigi, Via del Mandorlo, 12, Florence.
Razzaboni, Cesare, Bologna. *Math.*
Regaldi, Prof. Giuseppe di Novara, R. Univ., Bologna.
Regnoli, Prof. Oreste, R. Univ., Bologna.
Respighi, Lorenzo, Prof. Ast., Dir. Ast. Obs. of Campidoglio, Rome.
Revel, Prof. Alberto, Florence,
Rezzio, Dr. Giuseppe, Univ., Palermo, Sicily. *Comp. Anat.*
Ricasoli, Vincent, Via Ricasoli, 7, Florence. *Bot.*
Riccardi, Prof. Pietro, Mem. Acad. Sci., Bologna. *Geom.*
Riccò, Gor., Prof. Annibale, Palermo. *Ast., Phys.**
Ridolfi, Marchese L., Via Maggio, 13, Florence. *Ent.*
Righi, Prof. Augusto, Mem. Acad. Sci., Bologna.
Riggio, Giuseppe, Via Pergole, 88, Palermo, Sicily. *Con.*
Rignon, Felix, Via Lagrange, 36, Turin.
Rigo, P., Torri del Benaco, Garda. *Bot.*
Rizzoli, Prof. Francesco, Pres. Acad. Sci., Bologna.
Romagnoli, Alfonso, R. Univ., Bologna.
Roncati, Prof. Francesco, R. Univ., Bologna.
Rosa, Dr. Daniele, Museo Zoologico, Turin. *Zool.*
Rossetti, Francesco, Prof. Phys., Roy. Univ., Padua.
Rossi, Dr., Prof. Arturo, Padua pour Passagno. *Geol., Palæo., Lithol.* C. Ex.*
Rossi, Grambattista de, Rome.
Rostan, Dr. Edouard, San Germano di Pinerolo, Piedmont. *Plants of the Alps.* C. Sells plants of Europe ; 25 fr. a hundred specimens. Postage at expense of the purchaser.*
Ruffini, Prof. Ferdinando, Mem. Acad. Sci., Bologna.
Saccardo, Pier-Andrea, Prof. de Botanique, et Directeur du Jardin Botanique de l'Université de Padoue, Padua. *Bot., especially Mycology.* C. Ex.
Sacchetti, Dr. Gualtiero, Mem. Acad. Sci., Bologna.
Salvadori, Prof. Tommaso. Roy. Zool. Mus., Turin. *Orn.**
Samuelli, Ferdinando, R. Univ., Bologna.
Santagata Prof. Domenico, Mura di Porta Mazzini, 1, Bologna. *Chem.*
Santalena, Prof. Giov. Treviso, Seminara. *Geol.*
Sapeto, Giuseppe, Professore di Arabo nel R. Istituto Tecnico, Genoa.
Saporetti, Antonio, Mem. Acad. Sci., Via Zamboni, 33, Bologna. *Ast.*
Sassoli, Enrico, R. Univ., Bologna.
Savi, Dr. Adolfo, R. Mus. Nat. Hist., Pisa. *Ent.*
Scacchi, Arcangelo, Prof. Univ., Naples. *Min.*
Scaffai, L., Florence. *Bot.*
Scandellari, Dr. Gaetano, Mem. Acad. Sci., Bologna.
Scarabelli, Giuseppe G. F., Imola. *Geol., Palæo.**
Schiaparelli, Giovanni, Dir. R. Obs. of Brera, Milan. *Ast.*
Schiff, Hugo, Prof. Chem., Istituto di Studj Superiori, 3, Via Gino Capponi, Florence. *Chem., Biblioq.* C. of Lab.*
Schiff, Dr. Rob., Laborat. Chimico dell' Univ., Modena. *Chem.*
Schmidtlein, Dr. Richard, Zool. Sta., Naples. *Zool.*
Secco, Chev. Andrea Bassano, Venice. *Geol.*
Seguenza, Prof. Giuseppe, Univ., Messina, Sicily. *Geol.*
Sella, Eugenio, Piazza Lagrange, 2, Turin. *Coleopt.*
Sella, Quintino, M.P., Rome. *Crystal.*
Selmi, Francesco, Prof. Chem., Roy. Univ., Bologna.
Severini, Antelmo, Professore ordinario di Lingue dell' estremo Oriente, R. Istituto Superiore, Florence.*

Siacci, Francesco, Prof. Math., Roy. Univ., Turin.
Siciliani, Prof. Pietro di Galatina, R. Univ., Bologna. *Phil.*
Siemoni, G. C., Rome. *Agric., Bot.*
Silvani, Prof. Antonio, R. Univ., Bologna.
Simonetti, Dr. T., Dir. School Agric., Caltagirone, Sicily. *Bot.*
Siragusa, Francesco Paolo Camillo, Prof. pareggiato all' Università, Via delle Pergole, 33, Palermo, Sicily. *Bot., and Veg. Physiol.**
Sismonda, Prof. Angelo, Turin.
Sobrero, Prof. Ascanio, Turin.
Sommier, Stephen, Lungarno, Corsini, 2, Florence. *Bot.*
Sommola, Eugenio, Istituto tecnico a Tarsia, Naples. *Phys.*
Sordelli, Ferdinand, Museum, Milan. *Palæo., Bot.*
Soverini, Dr. Carlo, Mem. Acad. Sci., Bologna.
Spence, Guglielmo, Via degli Strozzi, Palazzo Corsi, Florence. *Ent.: Lepid.*
Spence, W. B., Rome.
Spezia, Giorgio, Prof. Univ., Turin. *Min.**
Spica, Prof. Pietro, Laborat. Chimico dell' Univ., Padua. *Chem.*
Stabilini, Giulio, R. Univ., Bologna.
Stefanelli, Prof. Pietro, Via Pinti, 57, Florence. *Lepid.*
Stoppani, Antonio, Prof. de Géologie à l'Institut des Études supérieurs, Via del Mandorlo, 6, Florence. *Palæo., Geol., Terrestrial Phys.* C. Ex. Wishes fossils of all territories in exchange for colored casts of the celebrated fauna of Valderia, and some original fossils of Italy, especially of Tuscany.
Strobel, Dr. Pellegrino, Prof. an der K. Universität, Parma. *Malacology, Palæo.*
Strüver, Giovanni, Prof. Univ., Rome. *Min.*
Tucchini, Pietro, Direttore dell' osservatorio del Collegio Romano, Rome. *Ast.*
Tanari, March. Luigi, Via Palestro, 3, Florence. *Ent.*
Tapparoni-Canefri, Dr. Cesar, 21, Via San Quintino, Turin. *Moll.*
Taramelli, Dr. Torquato, Prof. de Géologie à l'Université, Pavia. *Geol. of secondary formations of the Alps and Apennines.* C. Fossils of the Alps. Ex.
Tardy, Placido, Roy. Univ., Genoa. *Math.*
Targioni-Tozzetti, Ad., Prof. di Zool. ed Anat., R. Museo, Via Romana, 19, Florence. *Anat. and Zool. of Invert.* (*Crustacea and Orthoptera.* C. Ex.
Tarlatore, Prof., Florence.
Taruffi, Prof. Cesare, Mem. Acad. Sci., Bologna. *Anat.*
Tassi, Prof. Att., Univ., Siena. *Bot.*
Tchihatchef, Pierre de, Places des Zouaves, 1, Florence.
Tempel, W., Obs. Arceti, Florence. *Ast.*
Tenchini, Prof. Lorenzo, R. Univ., Parma. *Anat.*
Tenderini, Dr. Giuseppe, Prof. Anat., Carrara.
Tenore, Prof. Dr. Vincent, Naples. *Bot., Zool.*
Terraciano, Dr. N., Dir. R. Gar., Caserta. *Bot.*
Terreni, Maggior Fortunato, Via dell' Orivolo, 35, Florence. *Ent.*
Terrenzi, Guiseppe, Narni (Ombrie). *Palæo.* C. Ex.
Testi, Francesco, R. Univ., Modena. *Ent.*
Teza, Prof. Emilio, R. Univ., Bologna.
Thomassi, Dr., Florence. *Chem., Phys.*
Thorell, Prof. Dr. Tamerlan, Museo Civico, Genoa. *Arach.* (See Sweden.)*
Toco, Felice, Prof. ordinario di Storia della Filosofia, R. Istituto, Florence. *Phil.*
Todaro, Prof. Agostino, Direttore del Orto Botanico, Palermo, Sicily. *Bot.* C. Ex. Flora of Sicily.

Todaro, Prof. Francesco, Rome. *Anat.*
Tommasi, Dr. Annibale, Mantua. *Palæo., Geol.*
Tommasi, Prof. Salvatore, Naples.
Tommasi-Crudeli, Conrad, Prof. d'Anatomie Pathologique Université, 7, Via Balbo, Rome. *Experimental Pathology, especially infectious and malaria.*
Toscanelli, Vittoria, Boyo Allizzi, Florence.
Tornabene, Prof. Fr., Univ., Dir. Bot. Gar., Catania, Sicily. *Bot.*
Traverso, J., Pavia. *Bot.*
Traverso, G. B., Civ. Mus., Genoa. *Min.*
Trevison di S. Leon, Count Vittore, Monza, near Milan. *Bot.*
Trinchese, Salvatore, Prof. Comp. Anat., Roy. Univ., Naples. *Zool.*
Trineber, Prof. Univ., Naples. *Zool.*
Trois, Henry Phillippe, Conservateur des Musées zoologiques et anatomiques de l'Institut Royale des Sciences, Palais Ducale, Venice. *Ichth., Anat. of fishes, Algology of inferior vertebrates, Anatomy of marine invertebrates.* C. Ex. Offers duplicate anatomical preparations of vertebrates, especially marine fishes, turtles, cephalopods, etc.
Turazza, Domenico, Prof. Math., Padua.
Turrini, Prof. Giuseppe di Avio, R. Univ., Bologna. *Phil.*
Ulivi, Giotto, Doyen, Campi-Bisenzio (Tuscany). *Ent., Nat. Hist. of Bees, Hymenop.*
Uzielli, Prof. Gustave, Turin. *Min.**
Valenziani, Avv. Carlo, Professore di Lingue e Letterature dell' Estremo Oriente nella R. Università, Rome.
Valerga, Abate Pietro, Prof. Coll. Internazionale, Turin. *Bibliog., Philol.**
Valiante, R., Ponterorvo, 90, Naples. *Bot.*
Vegni, Prof. Angelo, Via S. Niccolò, 131, Florence.
Venturi, Ugo, R. Univ., Bologna.
Verardini, Dr. Ferdinando, Mem. Acad. Sci., Bologna.
Verdiani, Dr. Giuseppe, Volterra. *Ent.*
Verdiani-Bandi, Arnaldo, San Quirico d'Orcia (Siena). *Ent.*
Verdiani-Bandi, Luigi, Rocca d'Orcia (Siena). *Coleopt. of Europe.* C. Ex. Coleoptera of Europe, especially of Italy, for Coleoptera of the world, but prefers Pselaphidæ, Cerambycidæ, and Chrysomelidæ.
Versari, Prof. Camillo, Mem. Acad. Sci., Bologna.
Verson, Prof. E., Padua. *Bot.*
Villa, Antonio, Via Sala, 6, Milan. *Ent.: Coleopt.*
Villari, Imilio, Via Delle Belle Arti., Università, Bologna. *Phys.*
Villari, Pasquale, Professore ordinario di Storia moderna, Presidente della Seizione, R. Istituto, Florence.
Vimercati, Comte Professeur Guido, Directeur de la Revue Scientifique indus, Trésorier de la Société Entomologique Italienne, Place Cavalleggieri, Florence. *Ent.: Neuropt., Coleopt., Moll.* C. Ex.*
Vinciguerra, Decio, Civ. Mus., Genoa. *Ichth.**
Vismara, Francesco, Civ. Mus., Milan. *Hemipt.*
Vosmaer, Dr. F. C. J., Ast. Stazione Zoologica, Naples. *Sponges.*
Winterberg, Dr. E., Rome. *Ast.*
Zampa, Raffaello, R. Univ., Bologna.
Zannetti, Dr. Arturo. Prof. Nat. Hist., Tech. Sch., Via de Conti, Florence. *Anth.**
Zers, Z. P., Rome.
Zersi, Prof. Elias, R. Lyceum, Bergamo. *Bot.*
Zigno, Baron A de, Venice. *Bot., Palæo., Ichth.*
Zona, Dr. T., Forli. *Ast.*
Zoological Station at Naples. *Marine Zool.* Anton Dohrn, Director.

MALTA.

Brickenden, Major Richard Thomas William Lambert.
Gulia, Dr. Gavin, Valetta. *Ichth.*
Warton, Capt. R. G., 10th Regiment.
Zeraffa, Prof. Stefano.

NETHERLANDS.

Abeleven, Th. H. A. J., Sec. Bot. Soc., Nymwegen. *Bot.*
Aghina, Vinc. Mar., High St., Schiedam. *Bot., Ent.: Lepid., Coleopt.**
Albarda, Dr. William, Ginneken, near Breda. *Ent.: Lepid., Coleopt., Neuropt., Sponges, Protozoa.* C.*
Alberda, J. Herman, Leeuwarden. *Neuropt.**
Andreæ, Dr. J. L., Sneek. *Chem.*
Ankum, Dr. A. H. van, Groningen. *Chem.*
Ankum, Dr. H. J. van, Prof. Univ., Groningen. *Zool., Ent.*
Aronstein, Dr. L., Breda. *Chem.*
Backer, J., Oosterbeek, near Arnheim. *Coleopt.*
Baehr, Dr. G. F. W., Prof. Polytechnic College, Delft. *Math.*
Bakhoven, Dr. G. H. Leignes, Kampen. *Chem.*
Bakhuÿzen, Dr. H. G. van de Sande, Prof. Univ., Leiden. *Ast.**
Ballot, Dr. C. H. D. Buÿs, Prof. Univ., and Director of the Royal Dutch Meteorological Institute, Utrecht. *Phys., Meteo.*
Baumhauer, Dr. E. H. von, Sec. of the Dutch Society of Science, Haarlem. *Chem.* C. Ex. publications on Natural Science of Netherlands for others.
Behrens, Dr. Th. H., Prof. Polytechnic College, Delft. *Min.*
Beÿerinck, Dr. M. W., Agricultural College, Wageningen. *Bot., Plant galls.* Ex. Wishes living American Rosegalls, with living Wasps (Rhodites) and American seeds, in exchange for those of Holland.
Bemmelen, A. A. van, Dir. Thiergartens, Rotterdam. *Gen. Ent.*
Bemmelen, Dr. J. F. van, Assistant at the Zoological Laboratory, Utrecht. *Zool.*
Bemmelen, Dr. J. M. van, Prof. Univ., Leiden. *Inorg. Chem.*
Berg, F. J. van der, Prof. Polytechnic College, Delft. *Math.**
Berlin, Dr. W., Prof. Univ., Amsterdam. *Zool.*
Bijleveld, Dr. R. Th., Jr, Rapenburg, Leiden. *Gen. Ent.*
Binnendÿk, Dr. J., Amsterdam. *Physiol.*
Bleekrode, Dr. L., The Hague. *Phys.*
Boeke, Dr. J. D., Alkmaar. *Chem.*
Boer, Dr. P. de, Prof. Univ., Groningen. *Bot.*
Boerlage, Dr. J. G., Con. Roy. Herb., Leiden. *Bot.**
Bohnensieg, G. C. W., Librarian of Teÿler's Museum, Haarlem. *Bot.**
Bosscha, Dr. J., Prof. and Director of the Polytechnic College, Delft. *Phys.**
Braam, Houckgeest, Dr. J. P. van, Prof. Univ., Groningen. *Anat.*
Brandt, A. van den, Venlo. *Coleopt.*
Brants, Dr. A., Jr., Buitensingel, Arnheim. *Lepid.*
Bremer, Dr. G. J. W., Rotterdam. *Chem.*
Breukelman, M., Delfshaven. *Lepid.*
Brink G. van den, Hortulanus at the Univ., Utrecht. *Bot., Hort.*
Broek, Dr. J. H. van den, Nymwegen. *Chem.*
Brondgeest, Dr. P. Q., Lecturer, Univ., Utrecht. *Physiol.*

Brutel de la Rivière, P.M., Leiden. *Engineer.*
Bruÿn, L. de, Delft. *Ent.*
Burg, Dr. E. A. van der, Prof. Univ., Leiden. *Pharm.*
Burger, Dr. C. P., Leeuwarden. *Math.*
Burgersdÿk, Dr. L. A. J., Deventer. *Zool.*
Buse, Dr. L. H., Benkum, near Arnheim. *Bot.*
Calker, Dr. F. J. P. van, Prof. Univ., Groningen. *Min.*
Calkoen, A. W. van Beeck, Utrecht.
Calkoen, H. J., Amsterdam. *Bot.*
Cankrien, A., Boompjes, Rotterdam. *Lepid.*
Cattie, Dr. J. Th., Arnheim. *Zool., Mic.*
Cleeff, Dr. G. Doyer van, Zaandam. *Chem.*
Conrad, J. F. W., The Hague. *Engineer.*
Cool, P., Harlingen. *Ent.*
Costerus, Dr. J. C., Amsterdam. *Bot.**
Cramer, W. I. C. P., Rozendaal, bei Arnheim. *Ent.: Lepid.* C. Ex.*
Crok, C., Bloemist, Kapelstraat, I, 18, Utrecht. *Bot., Hort.*
Dekhuyzen, M. C., Maarsmanssteeg, 9, Leiden. *Physiol.*
Dibbits, Dr. H. C., Prof. Univ., Utrecht. *Inorg. Chem.*
Diesen, G. van, The Hague. *Engineer.*
Dissel, Dr. E. F. van, Leiden. *Engineer.*
Donders, Dr. F. C., Prof. Univ., President of the Royal Academy of Science, Utrecht. C. Ex. *Physiol.*
De Man, Dr. J. G., Con. Roy. Zool. Museum, Leiden. *Zool., Gen. Biol., Anat., Crustacea, Worms, Mollusks, Radiates, Sponges, Protozoa, Infusoria.* Will. ex. American Crustacea for Indian, for the museum.*
De Vries, Dr. Hugo, Prof. Univ., Amsterdam. *Physiol., Bot.**
Eeden, F. W. van, Haarlem. *Bot.*
Engelmann, Dr. Th. W., Prof. Univ., Utrecht. *Physiol., Histol., Gen. Biol.**
Enklaar, Dr. J. E., Heerenveen. *Chem.*
Enschedé, Dr. W. A., Emeritus Prof., Univ., Groningen. *Math.*
Erbrink, J. F. G. W., N.Z. Voorburgwal, over de Kolk, Nr. 12, Amsterdam. *Gen. Ent.*
Everts, Dr. E. J. G., The Hague. *Ent.* C.
Fijnje van Salverda, H. F., Nymwegen. *Engineer.*
Fokker, A. J. F., Zierikzee. *Ent.: Hemipt., Coleopt.* C. Ex. Offers Coleopt. and Hemipt. of Holland for European Hemipt.*
Fokker, Dr. A. P., Prof. Univ., Groningen. *Hygiene.*
Forster, Dr. J., Prof. Univ., Amsterdam. *Hygiene.*
Franchimont, Dr. A. P. N., Prof. Univ., Leiden. *Org. Chem.*
Franquinet, G. D., Maestricht.
Fürbringer, Dr. M., Prof. Univ., Amsterdam. *Anat.*
Geer, Dr. P. van, Prof. Univ., Leiden. *Math.*
Geuns, Dr. V. A. J. van, Utrecht. *Ent.*
Gillavry, Dr. Th. H. Mac, Prof. Univ., Leiden. *Pathol., Physiol.*
Giltay, J. W., Delft. *Physics.*
Gorkum, K. W. van, Baarn. *Bot.*
Graaf, G. W. de, Noordeinde, 123, The Hague. *Micro-lepid.*
Gratama, Dr. W. D., Gymnasium, Delft. *Chem.*
Grinwis, Dr. C. H. C., Prof. Univ., Utrecht. *Math., Phys.*
Groenewegen, J. C., Hortulanus at the Univ., Amsterdam. *Bot., Hort.* Ex.
Groneman, Dr. F. G., Groningen. *Phys.*
Groneman, H. J. H., Groningen. *Math.*
Grothe, D., Prof. Polytechnic College, Delft. *Technology.*

Grothe, W. K., Zeist. *Ent.*
Gunning, Dr. J. W., Prof. Univ., Amsterdam. *Chem.*
Guye, Dr. A. A. G., Lecturer, Univ., Amsterdam. *Osteol.*
Haan, Dr. D. Bierens de, Prof. Univ., Leiden. *Math.*
Haar, D. ter, Nymwegen. C. *Lepid.*
Haga, Dr. H., Delft. *Phys.*
Halbertsma, Dr. T., Prof. Univ., Utrecht.*
Hamel Roos, Dr., Spuistraat, Amsterdam.
Harst, L. J. van der, Veterinary College, Utrecht. *Physiol. of plants.*
Harting, Dr. P., Emeritus Prof., Amersfoort. *Zool.*
Hartogh Heys von Zonteneen, Dr. Hermann, Assen Drente. *Palæo., Geol., Min., Chem., Anth., Prehistoric Arch.**
Hasselt, Dr. A. van, Assen.
Hasselt, Dr. A. W. M. van, The Hague. *Toxicology, Arach.*
Hennekeler, Dr. A. van, Amsterdam, *Phys.*
Hertz, Dr. H., Prof. Univ., Amsterdam. *Pathol.*
Heusch de la Zangrÿe, Baron Oscar de, Strabeek, near Valkenburg (Limburg). *Coleopt.*
Heylaerts, Dr. F. J. M., St. Jansstraat, A, 503, Breda. *Ent.; Lepid.* C. Ex.
Heynsius, Dr. A., Prof. Univ., Leiden. *Physiol.*
Hoek, Dr. P. P. C., Lib. Neth. Zool. Soc., Leiden. *Zool., Emb. and Anat. of Invert., Crustacea, Moll.**
Hoff, Dr. J. H. van 't, Prof. Univ., Amsterdam. *Chem.**
Hoffmann, Dr. C. K., Prof. Univ., Leiden. *Zool.*
Hoffmann, Prof. J. J. P., Leiden. *Ent.*
Honert, J. van der, Schipperstraat, 26, Amsterdam. *Ent.*
Hoogewerff, Dr. S., Rotterdam. *Chem.*
Hoorweg, Dr. J. L., Utrecht. *Phys.*
Horst, Dr. R., Conservator of the Royal Museum of Natural History, Leiden. *Zool.*
Hubrecht, Dr. A. A. W., Prof. Univ., Utrecht. *Zool.**
Huisman, Dr. A., Utrecht. *Osteol.*
Huizinga, Dr. D., Prof. Univ., Groningen. *Physiol.*
Imans, Dr. M., Utrecht. *Ent.*
Janse, J. A., Amsterdam. *Bot., Anat.*
Jentink, Dr. F. A., Conservator of the Royal Museum of Natural History, Leiden. *Zool., Vertebrata.*
Joncheere, J. C. J. de, Voorstraat, D, 368, Dordrecht. *Lepid.*
Jonkman, Dr. H. F., Univ., Utrecht. *Bot.**
Jordens, D. J. R., Sassenportewal, F, 3471, Zwolle. *Lepid.*
Julius, Dr. V. A., Breda. *Phys.*
Kamerlingh, Dr. H., Asst. Phys., Lab. of the Polytechnic School, Delft.
Kamerlingh, Dr. Onnes, Univ., Leiden. *Phys.*
Kappers, Dr. J. A., Sappemeer. *Chem.*
Kapteÿn, Dr. J. C., Prof. Univ., Groningen. *Math.*
Kapteÿn, Dr. W., Prof. Univ., Utrecht. *Math.*
Kerbert, Coenraad, Ph.D., Manager Aquarium, Royal Zool. Soc., Amsterdam. *Zool., Gen. Biol., Ichth., Worms.**
Kerkhoven, W. O., Twello. *Ent.*
Keÿzer, Dr. Y., Middelburg. *Zool., Moll.*
Kinker, J., Achterburgwal, 223, Amsterdam. *Diatoms.* C. Ex.
Kobus, J. D, Wageningen. *Bot.* C. Ex.
Kooÿker, Dr. H. A., Prof. Univ., Groningen. *Clin.*
Koppeschaar, Dr. W. F., The Hague. *Chem.*
Korteweg, Dr. D. J., Prof. Univ., Amsterdam. *Math.*
Korthals, Dr. S. W., Haarlem. *Bot.*

Koster, Dr. W., Prof. Univ., Utrecht. *Anat.*
Kuhn, Dr. C. H., Prof. Univ., Amsterdam. *Anat.*
Lacoste, Dr. C. M. van der Sande, Amsterdam. *Bot., Bryol.*
Laer, Dr. J. R. E. van, Utrecht. *Geol.*
La Fontyn, N., Vlissingen. *Ent.*
Ledden Hulsebosch, M. L. Q. van, Apotheker, Nieuwendijk, 17, Amsterdam. *Microscopic Cryptogams, Fungi.* C. Ex. native cryptogams for those of other countries.*
Leesberg, A. F. A. Jan-Hendrick-straat, 9, The Hague. *Coleopt.* C. Ex.
Leenwen, Dr. J. van, Jr., Prinseneiland, 91. *Lepid.*
Legebeke, Dr. G. J., Prof. Polytechnic College, Delft. *Math.*
Lith, Dr. J. P. T. van der, Prof., Utrecht. *Psychol.*
Lodeesen, J. W., Prinsengracht by de Reestraat, 377, Amsterdam. *Lepid.*
Logeman, W. M., Haarlem. *Phys.*
Loman, Dr. J. C. C., Baerlestraat, 12, Amsterdam. *Zool., Emb., Arach., Worms.**
Loncq, Dr. G. J., Emeritus Prof., Univ., Utrecht. *Pathol.*
Loos, Dr. D. de, Leiden. *Chem.*
Lorentz, Dr. H. A., Prof. Univ., Leiden. *Math., Phys.**
Lotman, Gerbrand, Lauriergracht, 91, Amsterdam. *Chem., Hort.*
Lubach, Dr. D., Kampen. *Zool.*
Man, J. G. de, Conservator of the Royal Museum of Natural History, Leiden. *Zool., Rotifera, Crustacea, Mollusks, and Nematoidæ.* Ex. for the Museum, would like American specimens of Crustacea, Mollusks, and lower animals.
Martin, Dr. K., Prof. Univ., Dir. Roy. Geol. Mus., Leiden. *Geol., Min., Palæo.**
Maurissen, A. H., Rue de Tongres, Maestricht. *Lepid., Coleopt.*
Mayer, Prof. Dr. Adolf E., Director of the Government Establishment for experiments in Agriculture. *Agricultural Chem.**
Medenbach de Rooy, A. B. van, Weerdjesstraat, Arnheim. *Lepid.*
Mees, Dr. R. A., Prof. Univ., Groningen. *Phys.*
Meilink, Dr. B., Kampen. *Phys.*
Mellink, Dr. J. F. A., Assen. *Bot., Anat.*
Meyer, Dr. G. van Overbeek de, Prof. Univ., Utrecht. *Hygiene.*
Meulen, Dr. B. van der, Winschoten. *Chem.*
Michaëlis, N. T., The Hague. *Engineer.**
Middendorp, Dr. H. W., Prof. Univ., Groningen. *Pathol.*
Modderman, Dr. R. S. Tjaden, Prof. Univ., Groningen. *Chem.*
Moens, Dr. Isebree, Goes. *Physiol.*
Moll, Dr. J. W., Utrecht. *Bot.**
Mourik, P. van, Utrecht. *Math.*
Mulder, Dr. E., Prof. Univ., Utrecht. *Org. Chem.*
Obbes, Dr. F. N., Hilversum. *Ent.*
Onnes, Dr. H. Kamerlingh, Prof Univ., Leiden. *Phys.*
Oordt, J. W. L. van, The Hague.
Ortt, Jhr. J. R. T., Mem. Roy. Acad., Haarlem. *Engineer.**
Oudemans, Dr. A. C., Prof. Polytechnic College, Delft. *Chem.*
Oudemans, Dr. C. A. J. A., Prof. Univ., Sec. of the Royal Academy of Science, Amsterdam. *Bot., Mycol.*
Oudemans, Dr. J. A. C., Prof. Univ., Utrecht. *Ast.**
Oudemans, Jsz. A. C., Con. Zool. Mus., Mitglied der Niederländischen Entomologischen Gesellschaft, Lange, Nieuwstraat, A, 638, Utrecht. *Zool., especially Acarinology.* C. Lepidoptera, Coleoptera, Parasitica Pulicidæ, and Acarina of all parts of the world.*
Pareau, Dr. A. H., The Hague. *Chem.*

Pekelharing, Dr. C. A., Prof. Univ., Utrecht. *Pathol., Physiol.**
Pesch, A. J. van, Prof. Univ., Amsterdam. *Math.*
Piaget, Dr. E., Kortenaerstraat, 416, Rotterdam. *Zool., Pediculina.*
Plaats, Dr. J. D. van der, Veterinary College, Utrecht. *Chem.*
Place, Dr. T., Prof. Univ., Amsterdam. *Physiol.*
Plugge, Dr. P. C., Prof. Univ., Groningen. *Pharmacy and Toxicology.**
Ras, P. H. J. J., Jr., Huize Rijnstein, Arnheim. *Ent.*
Rauwenhoff, Dr. N. W. P., Prof. Univ., Utrecht. *Anat. and Physiol. of plants, Cryptogams.*
Rees, Dr. J. van, Assistant at the Physiological Laboratory, Amsterdam. *Physiol., Zool.*
Riemsdijk, Dr. A. D. van, Assayer General at the Royal Mint, Utrecht. *Chem.*
Rink, Dr. H. J., Prof. Univ., Groningen. *Math.**
Ritzema Bos., Dr. J., Agricultural College, Wageningen. *Injurious Insects.**
Ritzema Cz., C., Rapenburg, 94, Leiden. *Coleopt.*
Robbers, Dr. J., Gymnasium, Utrecht. *Math.**
Roijen, Dr. A. E. van, Haarlem. *Chem.*
Rombouts, Dr. J. G. H., Groesbeek. *Ent.*
Romburgh, Dr. P. van, Assistant at the Chemical Laboratory, Leiden. *Chem.*
Romeny, Dr. J., Dordrecht. *Chem.*
Roo van Westmaas, Dr. E. A. de, Jr., Huize Daalhuigen, Velp. *Lepid.*
Rossum, Dr. A. J. van, Kastanjelaan, Arnheim. *Ent.*
Rijke, D. P. L., Emeritus Prof. Univ., Leiden. *Phys.*
Saltet, R. H., Heerengracht, bei Wolvenstraat, 264, Amsterdam. *Ent.*
Sänger, Dr. W. M. H., Prof. Univ., Groningen.*
Scheffer, Dr. J. D. R., Veendam. *Chem.*
Schepmann, M. M., Rhoon, near Rotterdam. *Moll.*
Schepmann, W. A., Invangh, Rhoon. *Lepid.*
Schill, J. F., Soeterwoudscheweg, 112, A, Leiden. *Palæo., Bibliog., Zool., Sponges.* C. Ex.*
Schlegel, Dr. H., Director of the Royal Museum of Natural History, Leiden. *Zool., Orn.*
Schmelts, J. D. E., Cur. Ethnog. Museum, Leiden. *Ethnog., Eth., Anth., Zool., Geog. Dist.**
Schols, C. M., Prof. Polytechnic College, Delft. *Math., Geod.**
Schoute, Dr. P. H., Prof. Univ., Groningen. *Math.**
Schubärt, Dr. J. W., Utrecht. *Ent.*
Seelheim, Dr. F., Utrecht. *Chem.*
Seipgens, Emile, Normal School, Zutphen. *Coleopt.*
Serrurier, Dr. L., Dir. R. Ethnog. Museum, Leiden. *Anth., Arch., Ethnog.**
Sirks, Dr. J., Deventer. *Phys.*
Six, G. A., The Hague. *Coleopt.*
Smeets, J. A., Keeper of the Government Herbarium, Leiden. *Bot.*
Snellen, Dr. Herman, Prof. Univ., Utrecht. *Ophthal.**
Snellen, Dr. Maurits, Director of the Royal Dutch Meteorological Institute, Utrecht. *Meteo.*
Snellen, P. C. T. Wynhaven, 45, Rotterdam, *Lepid.* C. Ex.*
Snijders, Dr. A. J. C., Zutphen. *Chem.*
Snijders. J. A., Prof. Polytechnic College, Delft. *Math.*
Stadt, Dr. H. van de, Arnheim. *Meteo., Ast.**
Steijn, Parvé, Dr. D. J., The Hague. *Phys.**
Stoeder, W., Prof. Univ., Amsterdam. *Pharm.*

Stokvis, Dr. B. J., Prof. Univ., Amsterdam. *Pathol., Physiol.*
Stolk, J. van, Zeemansstraat, Rotterdam. *Lepid.*
Suringar, Dr. W. F. R., Prof. Univ., Leiden. *Bot.*
Swarts, Dr. Th., Univ., Ghent. *Chem.*
Swierstra, K. N., Amsterdam. *Coleopt.*
Talma, Dr. S., Prof. Univ., Utrecht. *Anat.*
Tekelharing, Dr. C. A., Prof. Univ., Utrecht.
Thomas, Dr. A. E. Simon, Prof. Univ., Leiden, *Obstet.*
Tideman, B J., Chief Naval Architect, Dutch R. Navy, Amsterdam. *Engineer.**
Tordens, Daniel. J. R., Mem. of the Ent. Soc. of the Netherlands, Zwolle. *Lepid.* C. Ex.*
Tuyl van Scrooskerken, F.L.S., Buitensingel, Arnheim. *Ent.*
Ubaghs, Casimir, Maestricht. *Geol., Palæo., Min., Anth., Moll.* C.*
Uÿen, H., Priemstraat, Nymwegen. *Lepid.* C.
Valeton, Th., Doctorandus in Plantendierkunde, Assistent Botanisch Kabinet der Ryks-Universtät, Groningen. *Anatomy of Plants, Microscopy.**
Ven, Dr. E. van der, Director of Teÿler's Museum, Haarlem. *Phys.**
Verbrugge, B., Leuvenhaven, 209, Rotterdam. *Coleopt.*
Verloren, Dr. C. M., Schothorst, near Amersfoort. *Coleopt.*
Veth, Dr. H. J., Kruiskade, 16, Rotterdam. *Coleopt.* C. Ex. European for N. American specimens.*
Waals, Dr. J. D. van der, Prof. Univ., Amsterdam. *Phys.*
Wall, Dr. N. van de, Amsterdam. *Chem.*
Weber, Dr. M., Lecturer, Univ., Utrecht. *Anat.*
Wefers Bettink, D. H., Prof. Univ., Utrecht. *Pharm.*
Westerman, Dr. G. F., Director of the Zool. Gardens, Amsterdam. *Zool.**
Weÿtlandt, A. J., Ryswÿk, near The Hague. *Coleopt.*
Wichmann, Dr. C. E. A., Prof. Univ., Utrecht. *Min., Geol.**
Winkler, Dr. T. C., Director of Teÿler's Museum, Haarlem. *Palæo.*
Wirtz, Dr. A. W. H., Director of the Veterinary College, Utrecht.
Witte, H., Hortulanus at the Univ., Leiden. *Bot., Hort.*
Wulp, F. M. van der, Sec. Dutch Ent. Society, Prinses Mariestraat, 14, The Hague. *Ent.: Dipt.* C. Ex.*
Wurfbain, Dr. C. L., Prof. Univ., Amsterdam. *Surgery.**
Wurfbain, Joan G., Huize Heuven, Worth-Reden. *Zool., Gen. Biol., Geog. Dist., Mam., Orn., Ool., Herpetol., Ichth., Tax.* C. Ex.*
Zaaÿer, Dr. J., Leeuwarden. *Phys.*
Zaaÿer, Dr. T., Prof. Univ., Leiden. *Anat.*
Zeeman, Dr. J., Amsterdam. *Pathol.*

NORWAY.

Ammitzböll, Dr. Ivar., Christiania. . *Ent.*
Astrand, Prof. Johan J., F.R.A.S., Observatory, Bergen. *Ast., Meteo., Ferns, Hort., Orn., Lepid., Moll.* C. Ex.*
Bang, Prof. C., Universitas Regia Fredericiana, Christiania. *Phil.*
Berner, Director C. C. Museum, Bergen.
Bjerknes, Prof. Dr. C. A., Universitas Regia Fredericiana, Nordal Brûns Gade, J, Christiania. *Math.**
Blix, Prof. Dr. E., Universitas Regia Fredericiana, Christiania. *Phil.*
Blytt, Axel, Prof. Bot., University Christiania. *Bot.; Geog. Dist. of plants.*
Bonnevie, J. A., Trondhjem.
Broch, Prof. J. P., Christiania.

Broch, Prof. O. J., Christiania.
Bugge, Dr. Elseus Sofus, Universitas, Christiania.
Bugge, K. L. T., Trondhjem.
Carstens, Prof. M. C., Trondhjem.
Collett, Robert, Docent of Zoology, and Director of the Zoological Museum of the University, Christiania. *Vertebrates.**
Corneliussen, O. A. Senjens, Nikkelvek. *Min.*
Daae, Prof. L., Christiania.
Dahl, Dr. Tellef, Ingénieur en chef des Mines, Kragerö. *Geol.*, *Min.* C. Ex.
Danielssen, Dr. Daniel Cornelius, Chief Physician, President of the Museum, Bergen. *Marine Invertebrates.* Ex. for the collection of the Museum.*
Dietrichson, Prof. Dr. L., Universitas Regia Fredericiana, Christiania. *Phil.*
Dons, W., Universitas Regia Fredericiana, Christiania.
Esmark, Fraulein Birgithe, Linneveien, 11, Christiania *Malaco-Zoology.**
Esmark, Prof. M., Universitas, Christiania. *Zool.*
Essendrop, B. L., Tromsöe.
Faye, Dr. F. C., Christiania.
Fearnley, Prof. C., Universitas, Christiania. *Ast.*
Foslie, M. H., Lödingen (Nordland). *Algology.* C.*
Fricle, Herman, Dir. of the Museum, Bergen. *Malacol.* C.*
Friis, Prof. J. A., Christiania.
Geelmuyden, H., Universitas Regia Fredericiana, Christiania. *Ast.*
Getz, K. H., Trondhjem.
Grieg, James, Bergen. *Bot.*
Guldberg, Prof. Dr. Cato M., Universitas Regia Fredericiana, Christiania. *Math.**
Hagerup, F., Universitas Regia Fredericiana, Christiania.
Hansen, G. A., Oberarzt, Bergen. *Annelids.**
Henrichsen, Rec. C., Bergen.
Helland A., Universitas, Christiania. *Geol.*
Hjortdahl, Prof. Th., Universitas, Christiania. *Chem.*
Holst, Elling, Universitas Regia Fredericiana, Christiania.
Jensen, Olaf S., Jernbanegaden, 7, Christiania. *Anat.*, *Histol.**
Kaurin, Chr., Opdal. *Bot.*, *Bryology.*
Kiær, A. N., Christiania.
Kiær, Frantz, Christiania. *Bryology*, *Hepaticæ.* C. Ex. European and foreign mosses and liverworts in exchange for European and foreign.*
Kindt, Dr. C., Trondhjem *Bot.: Lichens.*
Kjerulf, Prof. Dr. Th., Universitas, Christiania. *Geol.*
Koren, Johan, Conservator, Bergen. *Marine Invertebrates.**
Landmark, Rev. J. R., Målselven. *Bot.* C. especially of Arctic Zone.
Lieblein, Prof. J. D. C., Universitas Regia Fredericiana, Christiania. *Phil.*
Lie, Prof. M. S., Christiania.
Lorange, Anders, Con. Mus., Bergen.
Lütke, Rev. M. F., Bergen.*
Lyng, Prof. Dr. Georgius Guilielmus, Universitas Regia Fredericiana, Christiania. *Phil.**
Moe, Dr., Botanical Gardens, Christiania *Bot.*
Mohn, Prof. Dr. Henrik, Meteorologish Institut, Christiania, *Meteo.*, *Phys. Geog.*
Monrad, M. J., Christiania.
Mosling, S., Trondhjem.
Müller, Prof. Dr. Worm, Universitas, Christiania. *Physiol.*, *Physiol. Chem.**

Münster, Prof. E. B., Universitas, Christiania. *Met.*
Nausen, Frithjof, Con. Mus., Bergen. *Zool.**
Nicolaysen, Prof. J., Christiania.
Nicoll, Dr. N. B. T., Museum, Bergen.
Nielsen, Dr. Yngvar, Universitas Regia Fredericiana, Christiania. *Ethnog., Geog.**
Nordvi, A. G., Christiania. *Orn., Ool.* C. Sells Northern bird-skins and eggs.*
Norman, J. M., Forsmteister, Laurvig. *Arctic Norwegian phanerogamic Flora, Lichenology.* C. Ex.*
Pettersen, Karl, Dir. Mus., Tromsöe. *Geol. of N. Norway.**
Pihl, O. A. L., F.R.A.S., Christiania.*
Rasch, Prof. H. H., Christiania. *Zool.*
Reusch, H. H., Christiania. *Geol.*
Rygh, K. D., Trondhjem.
Rygh, O., Christiania.
Sandberg, Georg Sognepræst, Sydvaranger Præstegaard, Finmark, *Ent.* C.*
Sars, G. O., Prof. Universitas, Christiana. *Zool., spec. Crustacea and Pycnogonida.*
Schiötz, Prof. O. E., Universitas, Christiania. *Phys.*
Schjott, Prof. P. O., Universitas Regia Fredericiana, Christiania. *Phil.*
Schneider, Jacob Sparre, Con. Mus., Tromsöe. *Ent.: Arctic Lepid., Crustacea, Moll., Geog. Dist.* C.*
Schöyen, Dr. W. M., Christiania. *Lepid.*
Schübeler, Dr. F. C., Dir. Bot. Gardens, Christiania. *Bot.*
Sexe, Prof. S. A., Christiania.
Skavlan, Prof. Dr. O., Universitas Regia Fredericiana, Christiania. *Phil.*
Slater, H. H., F.C.S., Brettnaes, Loffoden. *Chem.*
Stalsberg, R. F., Kongsberg.
Steiger, Leonard, Bergen. *Orn.*
Stejneger, Leonhard, Möhlenpris, Bergen. *Orn.* C. Ex. Norwegian fishes in alcohol, and bird-skins for skins of Cygnus, Larius, Sitta, and other N.A. birds.
Stenersen, Dr. L., Universitas Regia Fredericiana, Christiania.
Storm, Prof. V. J., Christiana.
Tromholt, Sophus, Bergen. *Meteo., Ast.: Auroræ.**
Unger, Carl R., Prof. Universitas, Christiania.
Waage, Prof. P., Universitas, Christiania. *Chem.*
Weisse, Prof. J. P., Universitas Regia Fredericiana, Christiania. *Phil.*
Winge, Prof. E., Christiania. *Anat.*
Wulfsberg, Niels G., F.M.D., Ph.D., Universitas Regia Fredericiana, Christiania. *Bot., Chem.**

PORTUGAL.

Aguiar, Antonio A. de Prof. Polytec. Sch., Mem. Acad Sci., Lisbon. *Chem.*
Albuquerque, Manoel d', Ingénieur Civil, Rue du Rozario, 70, Oporto. *Bot.*
Alvarenga. Dr. Peter F. Da Costa, Prof. Med. Coll., Lisbon. *Bot.*
Barbosa, Joacquim Casimiro, Jardin Botanique, Massarellos, 42, Oporto. *Bot.**
Barboza du Bocage (José Vicente), Dir. Mus. Hist. Nat., Lisbon. *Orn., Herpetol., Eth., Geol.*
Breyner, Luiz de Mello, Dir. R. Gar., Lisbon. *Bot.**
Capello, Joao Carlos de Brito, Directeur de l'Observatoire do Infante D. Luiz, Escola Polytechnica, Lisbon. *Meterology and Terrestrial Magnetism.*

Carreiro, Bruno S. Travares, Univ., Coimbra. C. *Bot.*

Carvalho Monteiro, Antonio Augusto de, D.S., LL.D., Rua do Alecrino, 72, Lisbon, *Lepid.* C. Ex. Offers European spec. for those of Brazil, Portuguese colonies in Africa, Madagascar, India, China, Ceylon, Australia, N.A., etc.*

Castro Freire, Dr. Antonio de, Coimbra. *Bot.* C. Wishes to sell plants, especially Phanerogams.

Chaperon, G., Polytech. Sch., Place Decazes, 40, Lisbon.

Choffat, Paul, Privat-docent à l'Ecole Polytechnique de Zürich (Suisse), Provisoirement attaché à la section géologique, 113, Rua do Arco a Jesus, Lisbon. *Geol., Palæo.* C. of the Jurassic and cretaceous formations.*

Coelho, Joseph M., Prof. Min., Polytec. Sch., Lisbon.

Corvo, Joao de Andrade, Prof. Polytec. Sch., Dir. Bot. Gar., Lisbon. *Bot.*

Coutinho, Pereira, Agric. Inst., Lisbon. *Bot.* C.

Da Costa de Macedo, Dr. J. J., Lisbon.

Da Costa Simoes, Dr., Prof. Phys., Univ., Coimbra.

Daveau, Jules Alexandre, Inspecteur du Jardin Botanique à l'Ecole Polytechnique, Lisbon. *Bot., Ent.* C. Ex. Offers plants and Coleoptera of Portugal in exchange for plants of the region of the Mediterranean.*

Ficalho, Prof. Comte de, Lisbon. *Bot.*

Freire, Antonia Castro, Univ., Coimbra. *Bot.* C.

Girard, Albert (of New York), Attaché au Musée Zoologique Muséum d'Histoire Naturelle, Ecole Polytechnique, Lisbon. *Ent.: Neuropt., Orthopt., Hymenop., Lamellicorns, Tenebrides.* C. Ex.

Gomes, Bernardino Barros, Lisbon. *Bot.* C.

Henriques, Dr. Julio A., Prof. de Botanique à l'Université, Coimbra. *Bot.* Ex. plants of Portugal for the herbarium of the Botanical Gardens.*

Luzo da Silva, Prof. Augusto, Lyceum. *Crypt. Bot.*

Malheiro, Lourenço, Mining Engineer, Lisbon.

Mariz, Dr. Joaquin de, Naturalist, Botanic Gardens of the University, Coimbra, S. Bento. *Bot., Nat. Phil.*

Mattozo, Fernando, Prof. à l'Ecole Polytechnique, Mus. de Zool., Lisbon. *Emb., Herpetol., Arach., Myriopoda, Crustacea.**

Meirelles Guedes Couto Garrido, Prof. Antonio de, Coimbra. *Bot.*

Mello Breyner, Louis de, Directeur en chef des Jardins de Sa Majesté le Roi de Portugal, Palais Royal d'Ajuda, Lisbon. *Bot.* C. Orchids. Ex. Orchids of Portugal for foreign, and also for other plants and seeds.

Mello Pereira Caceres, Manoel d'Albuquerque, Oporto. *Bot.* C.

Moller, Adolpho Frederico, Inspecteur du Jard. bot. à l'Univ., Coimbra. *Bot.: Phanerogams and Cryptogams, especially Mushrooms.* C. Ex. plants of Portugal for those of Europe.

Monteiro, A. A. de Carvalho, 72, Rua do Alecrion, Lisbon. *Ent.*

Nery Delgado, Joaquin Filippe, Rue S. Roque, 20, 3, Lisbon. *Geol.*

Newton, Isaac, Oporto. *Crypt. Bot.* C.

Oliveira, Jose Duarte de, Jr., Ed. Hort. Journal, Oporto. *Bot.*

Padrão, Dr. Affonso Dias, Bougado, Oporto. *Bot., Moll.* C. Ex.*

Padrão, Antonio, Bougado, Oporto. *Phæn. Bot.*

Paulino d'Oliveira, Manuel, Prof. à l'Université, Coimbra. *Ent.* C. Ex. Insects of Portugal, Brazil, Angola, India, and Macall.

Penaud, Emile, Rue de Mandé, Lisbon. *Bot.*

Pereira da Costa, Dr. Francisco Antonio, Dir. Mus. d'Histoire Naturelle, section mineralogique, Rue S. Roque, 22, Lisbon. *Geol., Min., Palæo.*

Pereira Guimarães, Antonio Roberto, Aide Naturaliste au Museum d'Histoire Naturelle, Rue do Machadiuho, 20, Lisbon. *Ichth.*
Reis, Jayme Batalha, Prof. in the Gen. Agric. Inst. of Portugal.
Ribeiro, Carlos, Acad. Sci., Lisbon. *Geol.*
Salles Gomes Cardozo, Dr. Francisco de, Prof. Polytec. Acad., Dir. Bot. Gar., Oporto. *Bot.*
Santos, Fernando Mattozodos, Prof. de Zool. a l'Ecole Polytechnique, Rue do Sol do Rato, 59, Lisbon.
Schmitz, E., Oporto. *Bot.* C. Ex.
Smith, G. W., Oporto.
Valois, de, Consul of France, Lisbon.
Veiga, Estacio da, S.P.M., Mem. de l'Acad. Royale des Sciences, de la Soc. de Géographie de Lisbonne de l'Institut Archéologique de Coimbra, etc., Villa de Tavira, Algarve. *Bot., Orchids of Portugal, Herpetol., Con.**
Villa Major, Vicomte de. Univ., Mem. Acad. Sci., Coimbra. *Bot.*

ROUMANIA.

Bottea, C., Str. Pitar Mosu, 5, Bucharest.
Brandza, Dr. D., Prof. de Bot. à l'Univ., Dir. du Jard. Bot. et Membre de l'Académie, Strada Fôntânei, 14, Bucharest. *Bot.* C. Ex. plants of Roumania for others.
Fêtu, Prof. Dr. A., Univ., Dir. Bot. Gar., Yassy, Moldavia. *Bot.**
Gotteland, André, Bot. Gar., Bucharest. *Bot.*
Grecesco, Dr. D., Professeur à la Faculté de Medicine, Strada Diaconeselor, 8, Bucharest. *Bot.* C. Ex. Plants of Roumania.
Licherdopol, Prof. J. P. (Bura), Chaussée Dorobanti, Bucharest. *Geol., Bot.* C. Ex. fossils and rocks of all countries.*
Michali, Ignat., Tirgu-Jiu. *Gen. Ent., Lepid.*
Montandon, Arnold, Sous-Administrateur du Domaine Royal, Brosteni, Folticeni, Moldavia. *Ent.: Hemipt.* Desires Hemiptera of all countries, determined or not, in exchange for Hemipt., Coleopt., Shells, and Reptiles (Triton Montandoni Boulenger. sp. nov.), collected in the Carpathians.*
Rauss, Dr. Louis, Prof. de Médecine Operatiôre à la Faculté de Médecine, Yassy.
Sabba, Prof. Stefanescu, Strada Gravita, 35, Bucharest. *Geol., Palæo., Zool.* C. Shells and fossils. Ex. shells of Roumania for those of America.
Stefanescu, Gregorin, M.A.R., Prof. de Geologia ei Min. la Universitaté, Directore allu Museuliu de Istoria Naturala din Bucaresti, Strada Verde, 8, Bucharest. *Min., Geol.*

RUSSIA.

Adamowicz, Dr. Adam F. R. von, Prof. Emer., Wilna.
Akinine, J., St. Petersburg. *Coleopt.*
Alexandrowicz, Prof. J., Universität, Warsaw. *Bot.*
Alexeyeff, Pierre, Prof. Univ., Kiew. *Chem.* C. Ex.*
Alpheraky, Sergius, Taganrog. *Lepid.* C. Ex.
Albrecht, Wilhelm, St. Petersburg. *Lepid.*
Albrecht, Robert, St. Petersburg. *Lepid.*
Arnold, Nicolas, Oreha. *Ent.*
Arppe, Prof. Dr. Adolph E., Universität, Helsingfors, Finland. *Chem.*

Asp, Prof. Dr. Georg, Kyrkotorget, 3, Helsingfors, Finland. *Anat.*
Backlund, Dr. Oscar K., Sternwarte, Pulkowa, bei St. Petersburg. *Ast.*
Balassaglo, Waldemar, St. Petersburg. *Coleopt.*
Bartelsen, H. C., Botanical Gardens, St. Petersburg. *Bot.*
Basarow, Dr. A., Univ., Kiew. *Chem.*
Basileswsky, Victor, St. Petersburg. *Ent.*
Batalin, Dr. Alexander, Botanical Garden, St. Petersburg. *Phytophysiology, and cultivated plants.**
Baumgarten, Théodor, Warsaw. *Coleopt.*
Beck, Dr. Alexander, Prof. am Baltischen Polytechnikum, Riga.*
Becker, A., Sarepta. *Bot.* C.
Becker, Prof. Dr. F. J., Universität, Helsingfors, Finland. *Physiol., Chem., Pharm.*
Beek, Prof. Dr. A., Riga. *Ast.*
Beggrow, Théodor, St. Petersburg. *Lepid.*
Béketoff, Prof. André, Universität, Dir. Botanical Gar., St. Petersburg. *Bot.: Morphology, Phytography.*
Beilstein, Prof. F., Tech. Inst., St. Petersburg. *Chem.*
Belopolsky, Sternwarte, Moscow.
Berdau, Prof. Dr. F., Institut Agronomique, Nouvelle-Alexandrie. *Bot.**
Berg, Dr. Ernst von, Riga.
Berg, F., Realschuldirector, Riga. *Zool.*
Bergroth, E. Evald, 11, L. Robertsgatan, Helsingfors, Finland. *Ent.* C. Ex.*
Bidder, Prof. Dr. F. H. von, Universität, Dorpat. *Physiol., Pathol.*
Biel, Dr. Johannes, Handelshaus Stoll u Schmidt, St. Petersburg. *Analyt. Chem.**
Bispin, Théodor, St. Petersburg. *Lepid.*
Blom, E. W., Helsingfors, Finland. *Bot.: Phanerogams.*
Bobyleff, D., Prof. der Universität, St. Petersburg.
Boettcher, Prof. A., Univ., Dorpat. *Pathol. Anat. and Histol.*
Bogdanoff, Anatole, Moscow. *Ent.*
Bonsdorff, Dr. Evert-Jules, Prof. Emer. Uskela, Salo, Finland.
Borenius, Prof. Dr. Heinrich G., Universität, Helsingfors, Finland. *Math.*
Borgmann, T., Privat-Docent der Universität, St. Petersburg. *Phys.*
Borodin, Prof. J., St. Petersburg. *Bot.*
Böthlingk, Otto, Imp. Acad. Sci., St. Petersburg.
Bouniakofski, Victor, Vice-President Imp. Acad. Science, St. Petersburg.
Bramson, Constantin, Jekaterinoslaw. *Coleopt., Hymenop., Lepid.* C. Ex.
Brandt, Dr. Alex., Prof., Zool., Veterinarinst., Dir. Zootomischen Cabinets, Veterinarnaja, 20, Charkow. *Emb., Anat. and Histol. of Vert., Osteol., Myol.* Ex. for the Inst.*
Brandt, Dr. Edouard, Imperial Medico-Chirurgical College, St. Petersburg. *Ent.*
Braun, Prof. Dr. Max, Imp. Universität, Dorpat. *Zool., Emb., Con.* C. Ex. Offers Balearic shells and emb.-mic. preparations of reptiles and birds.*
Bredichin, Prof. Dr. Th., Director der Sternwarte, Moscow. *Ast.* C. Ex. Annals of the Observatory of Moscow, 7 volumes, for publications of American observatories.
Brotherus, Dr., Helsingfors, Finland.
Brückner, Prof. Dr. Alex., Imp. Univ., Dorpat. *Hist.*
Brunner, Prof. Dr. Bernhard, Imp. Univ., Dorpat.
Brunner, Prof. R., Univ., Dorpat. *Agric.*

Bruttan, Andreas, Imp. Univ., Dorpat. *Bot.*
Buhrig, Dr. H., Wassili Ostrow, Koschewennaja, Linie, 36, St. Petersburg. *Chem.*
Buhse, F. A., Ph.D., Cus. Nat. Hist. Mus., Pres. Soc. Hort., Riga. *Bot.: Plants of Persia.**
Ceraski, Sternwarte, Moscow.
Cettingen, Prof. Dr. Arthur v., Imp. Univ., Dorpat. *Phys.*
Cheffkine, Gen., St. Petersburg.
Christoph, Hugo Th., Custos Ent. Samm. d. Grossfürsten Nicolai Michailowitsch, Aptekarsky, Pereulok, 4, St. Petersburg. *Lepid.*
Clausen, Thos., Dorpat. *Ast.*
Croneberg, Dr. Alex., Moscow. *Ent.: Arach.*
Cybulski, H., Bot. Gar., Warsaw. *Bot.*
Dietrich, August, Reval.
Dobroslavine, Dr. Alexis, Prof. de l'Hygiène Publique, Imp. Med. Chir. Academie, St. Petersburg. *Meteo., Anth., Eth., Infusoria.* C. Ex.*
Dolgow, W., Yaroslav. *Bot.**
Donner, Prof. Dr. Otto, Universität, Helsingfors, Finland. *Philol., Anth.**
Dragendorff, Dr. Georg, Prof. an der Universität, Kaiserl. Russischer wirkl. Staatsrath und Ritter. *Pharmacy, Phyto-Chemistry.* C. of the University. Ex.*
Dybowsby, Dr. W., Niankow. *Moll.*
Dziedzicki, Dr. Harry, Chlodna St., 21, Poland. *Diptera, Nematocera.*
Egoroff, N., Prof. der K. Universität, Warsaw. *Phys.*
Eichwald, Dr. E. M., St. Petersburg.
Elfving, Fredrik, Privat-docent des Botanischen Museums, Helsingfors, Finland. *Physiol.*
Elmgren, Prof. Dr. Sven-Gabriel, Universität, Helsingfors, Finland.
Ender, Ernst, Imp. Botanic Gardens, St. Petersburg. *Bot.*
Enminghaus, Dr. Prof. Hermann, Dorpat. *Anth.**
Erschoff, Nicolas, Wassili Ostrw., 12, Ligne, 15, St. Petersburg. *Lepid.* C. Ex.*
Estlander, Prof. Dr. Charles G., Universität, Unionsgatan, 45, Helsingfors, Finland. *Arch., Philol.**
Fadejeff, Dr. A. de, Prof. an der Akademia, Moscow.
Famintzin, Prof. A., Universität, St. Petersburg. *Bot., Anat., Physiol.*
Faust, J., Ingénieur, Andrégatan, 13, Helsingfors, Finland. *Coleopt.*
Fischer von Waldheim, Prof. Dr. Alexander, Moscow. *Bot.*
Fixen, Carl, St. Petersburg. *Lepid.*
Flor, Dr. Gustave, Prof. Zool., Director Zool. Mus. an der Universität, Dorpat. *Zool.* C.
Forsman, Prof. Dr. George Z., Universtät, Helsingfors, Finland. *Philol., Univ. Hist.*
Freudenthal, Prof. Dr. Axel-Olof, Universität, Helsingfors, Finland. *Philol.**
Frosterus, Prof. Dr. J. G., Helsingfors, Finland. *Univ. Hist.*
Furuhjelm, Hjalmar, Director of the Corps of Mining Engineers, Helsingfors, Finland.*
Gadolin, Gen. Axel, Imp. Acad. Sci., St. Petersburg. *Min., Crystal., Phys.**
Glasenapp, Maximilian, Prof. am Polytechnicum, Riga. *Geol., Met., Min., Bacteria.**
Glasenapp, Serge von, Docent der Astronome, Dir. der Sternwarte der Kais. Universität, St. Petersburg. *Theoretical and Practical Ast.* C.

Glausen, Dr. Thomas, Prof. Emer., Imp. Univ., Dorpat.
Gobi, Christopher, Universität, St. Petersburg. *Bot.: Morphology.* Algæ of Baltic and White Seas, Flora of Valdai Hills, Europe, and Russia.
Golofkinsky, Prof. N., Universität, Odessa. *Min.**
Greenisch, H. G., Dorpat.
Grewingk, Prof. Dr. Constantin, Imp. Univ., Dorpat. *Min.*
Grimm, Oscar von, St. Petersburg. *Ent., Biol.*
Grönberg, Prof. Mag. Th., Riga. *Phys.*
Gruber, Prof. Dr. Wenzel, Academie, St. Petersburg. *Anat.*
Günther, Alex., Petrosavodsk. *Coleopt., Lepid.*
Gustavson, Prof. Gabriel, Academie, Petrowsk, near Moscow. *Org. Chem.*
Gylling, Hjalmar, Ph.D., Staats.-Geolog. Helsingfors, Finland. *Geol., Min., Crystal., Lithol.* C. Ex.*
Hällsten, Prof. K. S., Helsingfors, Finland. *Anat.*
Handysides, J. R., St. Petersburg.
Hasselberg, Dr. Bernhard, Alterer Astronom. K. Sternwarte, Pulkowa, bei St. Petersburg.
Hausmann, Prof. Dr. Richard, Prof. Imp. Univ., Dorpat. *Hist.*
Hedemann, F. von, St. Petersburg. *Lepid.*
Heimbürger, W., Boulevardsgartan, 15, Helsingfors, Finland. *Coleopt.*
Helmersen, Dr. Gregor v., St. Petersburg.
Helmling, Prof. Dr. Peter, Imp. Univ., Dorpat. *Math.*
Hensel, Prof. Dr. Reinhold F., Proskau. *Zool.*
Herder, Dr. F. G. von, Bot. Gardens, St. Petersburg. *Bot.*
Hesehus, N., Privat-Docent der Universität, St. Petersburg. *Phys.*
Heydenreich, Léon, St. Petersburg. *Ent.*
Heyfelder, Dr. Frederick O. A., St. Petersburg.
Hirschsohn, Eduard, Dorpat.
Hjelt, Dr. Eduard, Prof. Universität, Laboratorium, Helsingfors, Finland. *Chem.*
Höltzer, H., St. Petersburg. *Bot.*
Hoyningen-Huene, Baron Friedrich, Lechts (Estland). *Ool., Lepid.* C. Ex.*
Hueber, Alex., St. Petersburg. *Lepid.*,
Ignatius, Dr. Charles E. F., Universität, Helsingfors, Finland. *Philol., Statistics.*
Imschenebz, Prof. Universität, St. Petersburg.
Iverus, Ivar D., Strömfors, Finland. *Ent., Bot.*
Jacubowitsch, Prof. Dr. N. von, Academie, St. Petersburg. *Physio*
Jaesche, Dr. Emanuel, Dorpat.
Jakowleff, Basil, Astrakhan. *Hemipt.*
Jeremejen, P. de, Sec. Min. Soc., St. Petersburg.
Jegorow, Tiflis, Georgia. *Bot.*
Johanson, Mag. Edwin Adolf, Collegienassessor, Oberlehrer der Naturwissenschaften, Chemiker der Pharm. Gesell., Redacteur der Ph. Inst. Wornessenski, Prospect. Haus, Skljärski, N. 31, quar. 16, St. Petersburg. *Analyt. Chem.*
Jversen, Wlad., St. Petersburg. *Ent.*
Karpinski, A., Inst. Nouvelle-Alexandrie. *Zool.*
Karsten, Dr. P. A., Mustiala, Finland. *Bot.: Mycology.*
Kasloff, Dr. Nicolaus von, St. Petersburg.
Kauffert, B., Universität Bot. Gardens, St. Petersburg. *Bot.*
Keller, Jos., St. Petersburg. *Lepid.*
Kessler, Prof. Carl, Univ., St. Petersburg. *Gen. Ent.*
Keussler, Eduard v., Riga.*

Keyserling, Count A. de, St. Petersburg.
Kiddendorff, Dr. Alexander von, Geheimrath (Ehrenmitglied der Akad. d. Wissensch. zu St. Petersburg.) Reval v. Kallick in Pörrater. *Zool., Ethnog.*
Kiesevitzky, Prof. G., Riga. *Math.*
Kiprijanoff, St. Petersburg. *Vert. Palæo.*
Klasofsky, Alexander, Docent, Univ., Odessa. *Phys. Geog.*
Klimenks, E., Docent, Univ., Odessa. *Chem.*
Klinge, Johannes Christoph, Privat-docent, Directorgehilfe am Bot. Garten, Oberlehrer der Naturwissenschaften, Magister der Botanik, Dorpat. *Comparative Morphology.* Ex. specimens of Equisetæ and Carex.
Koehne, Bernhard von, St. Petersburg.
Koksharow, Nicolaus von, Pres. Min. Soc., St. Petersburg.
Kokujeff, N., Jaroslawl. *Coleopt.* C. Ex.
Kononowitsch, Alex., Docent, Univ., Odessa, Dir. Obs., Odessa. *Ast.*
Köppen, Alexis, Berg-Department, St. Petersburg. *Met., Geol.*
Köppen, Friedrich, Th., St. Petersburg. *Ent., Geog. Dist. of plants and animals, Gen. Biol.*
Kovalewsky, Prof. Alexander, Universität, Odessa. *Zool.*
Kowalski, T., Red. Gar.-Pol., Warsaw. *Agric.*
Kowalswsky, Wladimir, Universität, Moscow. *Geol., Palæo., Math.*
Koknen, N., Yaroslav. *Ent., especially Coleopt.* C. Ex. Offers Russian Coleopt., and wishes Colybidæ, Dermestidæ, Bruchidæ, of all the world.
Krutizki, P. J., Universität. *Bot.*
Krylow, P., Bot. Gar., St. Petersburg. *Bot.*
Kuhlberg, Dr. A., St. Petersburg. *Chem.*
Kuhlberg, Ch., St. Petersburg. *Chem.*
Küster, Dr. Carl F. von, St. Petersburg.
Lagorio, Prof. Dr. Alex., Warsaw.
Lang, Heinrich, St. Petersburg. *Lepid.*
Leder, Hans, Elizabetpol (Helmendorf), Caucasus. *Coleopt., Hemipt., Orthopt., L. and F. W. Moll.**
Lemberg, Dr. J. Docent, Univ., Dorpat. *Chem.*
Lemström, Prof. Dr. Charles-Selim, Universität, Helsingfors, Finland. *Phys., Elect., Meteo.**
Lider, Hans, Naturalist, Museum, Tiflis, Georgia. *Ent., Con.* C.
Ligin, Valerian, Pres. Math. Sec. der Neurussischen Naturforschen, Gesell, Prof. ordinarius an der Universität, Kaiserliche Universität, Odessa. *Mechanics.**
Lindberg, Dr. S. O., Prof. Bot., Botanic Garden, Helsingfors, Finland. *Bot., Mosses, Hort., Mic.* C. Ex.*
Lindelöf, Dr. Laurent-Leonard, Helsingfors, Finland. *Math.*
Lindeman, Prof. K., Moscow. *Ent.*
Lindemann, Eduard, Wissenschaftlicher Secretair der Sternwarte, Pulkowa, near St. Petersburg. *Ast., especially Photo-meteric.*
Lindstedt, Prof. Dr. Andres, Imp. Univ., Dorpat. *Math., Ast.*
Lönnroft, Dr. Elie, Prof. Emer., Universität, Helsingfors, Finland.
Löthner, E., Abo in Finland. *Agric. Chem.*
Ludwigs, Johann G., Dorpat.
Macklin, Prof. F. W., Helsingfors, Finland. *Zool.*
Mahl, Prof. Dr. Eduard von, Imp. Univ., Dorpat.
Malmgren, Prof. Dr. André-Jean, Universität, Helsingfors, Finland. *Zool., Fishery.*
Malthé, Joh., St. Petersburg. *Coleopt.*
Mandelin, R. F., Dorpat.

Manderstjerma, Alex, Weiska, 1, Warsaw. *Coleopt.*
Markownikoff, Prof. V., Univ., Moscow. *Chem., Geol.**
Masing, Dr. E., Docent, Univ., Dorpat. *Pharm.*
Maximowicz, Charles John, Ord. Member Imp. Acad., and Botanist at Imperial Botanic Garden, St. Petersburg. *Bot., Phytography and Phytogeography, Flora of E. and Central Asia and Russia.* Ex. especially desired either for Academy or Botanic Gardens, from N. and S. America, South Atlantic States, U.S., Carices, and Salices, authentically named.
Meinshausen, Charles F., Dir. Bot. Mus., Acad. Sci., St. Petersburg, *Bot., Phytography.* Flora of St. Petersburg, Carices of Russia.
Mela, A. J., Helsingfors, Finland. *Vert., Moll.**
Meude, Dr. Carl von, St. Petersburg.
Mendelejeff, St. Petersburg. *Phys., Chem.*
Meyer, Dr. Lev., Imp. Univ., Dorpat.
Middendorf, Alex., Akademiker, Dorpat. *Gen. Ent.*
Menschutken, Nicolaus, Prof. Chem., Kaiserlichen Univ., St. Petersburg.*
Minding, Prof. Dr. Ferdinand, Imp. Univ., Dorpat. *Math.*
Moberg, Prof. Dr. Adolph, Universität, Helsingfors, Finland. *Physics.*
Moeller, Prof. Dr. Valerian von, St. Petersburg.
Montéverdé, N. A., St. Petersburg. *Bot.*
Morawitz, Dr. Ferdinand, Vosncsenskaja, u, 40, St. Petersburg. *Ent.*
Moritz, Dr. Arnold, Dir. Phys. Lab., Dorpat. *Meteo., Phys., spec. Terrestrial Magnetism.*
Moritz, Dr. Aug., Dorpat.
Mühlen, Max von Zur, Oberlehrer Berg Techelfer Haus Mühlen, Dorpat. *Zool., Neuropt., and Leaf wasps.* C. Ex.
Nedzelsky, Ant., Sebastopol. *Bot.*
Neugebauer, Prof. Dr. Ludwig A., Academie, Warsaw.
Nolken, Baron W. von, Gen. Pichtendahl (Insel Oesel, via Arensburg). *Macro-and Micro-lepid.* C. Ex.
Nordenskiold, Nils Karl, Direktor Meteorologische-Magnetische Observatorium, Helsingfors, Finland. *Meteo. and Terrestrial Magnetism.*
Norrlin, Dr. Johan Petter, Prof. an der Universität, Helsingfors, Finland. *Geography and Topography of Plants, Lichenology: Cryptogams of Finland, especially Hieracia.* C.
Novakowsky, Dr. Leon, Dir. Tech. Schule, Lublin. *Bot.: Mycol.*
Nyrén, Dr. Magnus, K. Sternwarte, Pulkowa, bei St. Petersburg. *Ast.*
Obert, J., St. Petersburg. *Coleopt.*
Oettingen, Dr. Arthur von, Prof. der Physik an der Universität, Dorpat. *Meteo., Phys., Sci., Acoustics.*
Oettingen, Dr. Georg v., Prof. Emer., Imp. Univ., Dorpat.
Ortwald, Prof. Dr. W., Riga. *Chem.*
Osnobichine, J., Simbirsk. *Ent.*
Oswald, Prof. Dr. Wilhelm, Polytechnicum, Riga. *Chem., especially chemical affinity.**
Ovsiannikoff, Philipp, Akademiker, St. Petersburg. *Anat., Physiol.*
Oybowski, Dr. Wladislaus, Nänkow.
Palmén, Prof. Dr. J. A., Helsingfors, Finland. *Zool., Comp. Anat.**
Pawlowitsch, Bolesl., St. Petersburg. *Ent.*
Pelikan, Dr. Eugene von, St. Petersburg.
Perepelkine, Alexis, Secrétaire de la Societé Imperiale d'Agriculture, Smolensky Boulevard, care of Mr. Brock, Moscow. *Technical Zool.*
Peterson, Wilh., Dorpat. *Macro. and Micro-lepid.*

Petroff, Alex., St. Petersburg. *Gen. Ent.*
Petzboldt, Dr. Alex., Prof. Emer., Mitau.
Pleske, Th., St. Petersburg. *Orn.*
Podwyssotzki, Dr. V., Docent, Univ., Dorpat. *Pharm.*
Pohovt, Nicolai, Riga.*
Ponzilo, Michel, Rostow. *Coleopt., Lepid.*
Popoff, Prof. A., Lab., Univ., Warsaw. *Chem.*
Portschinsky, Joseph, Sec. Ent. Soc. of Russia, St. Petersburg. *Dipt.*
Posse, C., Docent de Universitat, St. Petersburg. *Math.*
Prendel, Romulus, Cur. Min. Mus., Univ., Odessa. *Geol., Min., Lithol.**
Radde, Dr. Gustav Ferdinand R., Dir. Mus., Tiflis (Georgia). *Bot., Geol.* Wishes to buy a bison.
Radoszkoffski, Pres. Entomological Society, St. Petersburg.
Regel, Dr. Eduard A., Wirklicher Staatsrath, Dir. des Kais. Botanischen Gartens, St. Petersburg. *Bot.: Dendrology, Hort.**
Reinhardh, Prof. Universität, Odessa. *Bot.*
Renard, Dr. Carl von, Geheimrath, Excellenz, Vice-Präsident der Kaiserlichen Naturforschenden Gesellschaft, Moscow. *Nat. Hist., especially Ethnog., Anth., Eth., Mam., Orn.**
Reuter, Dr. Odo Morannal, Prof. Univ., Mariegatan, 9, Helsingfors, Finland. *Ent.: especially Hemiptera, Thysanoptera.* C. Ex. Poduridæ. Wishes specimens preserved in alcohol.*
Reyher, Dr. Carl, Basseinaja, 16, St. Petersburg. *Chirurgy.**
Reyher, Dr. Gustav., Docent der Universität, Dorpat (Livonia). *Medicine and Therapeutics.*
Rischawi, Prof. L., Universität, Warsaw. *Bot.: Vegetable Physiol.*
Romanowski, Col, School of Mines, St. Petersburg.
Rosenberg, Prof. Dr. Alexander, Imp. Univ., Dorpat.
Rosenberg, Prof., Dr. Emile, Imp. Univ., Dorpat. *Anat.*
Rosenberger, O. J., Ringen, Courland.
Rudolph, R., Bot. Gar., Odessa. *Bot.*
Russow, Prof. Dr. Edmond, Universität, Dir. Botanical Gardens, Dorpat. *Bot.*
Sabanisew, W., Yaroslav. *Malacology.*
Saelan, Dr. Th., Helsingfors, Finland. *Bot.*
Sagemehl, Maxmilian, Dorpat.
Sahlberg, Dr. John Reinhold, Docent der Zoologie, Brunsparken, 18, Helsingfors, Finland. *Ent.: especially Coleoptera and Hemiptera.* C. Ex. Wishes Dytiscidæ and Staphylinidæ in exchange for Arctic insects, especially Coleoptera, Lepidoptera and Trichoptera.
Scharrer, W., Tiflis, Georgia. *Bot.*
Schell, Jul., Wilna. *Bot.*
Schilling, G. Baron, Revel.
Schmidt, Prof. Dr. Alex., Imp. Univ., Dorpat. *Physiol.*
Schmidt, Prof. Dr. Carl, Imp. Univ., Dorpat. *Chem.*
Schmidt, Friedrich, Academie, St. Petersburg.
Schnabl, Johann, M.D., 63, Kraukauer Vorstadt, Warsaw, Poland. *Dipt., Brachycera.* C. Ex.*
Schöne, Dr. Emil, Prof. der Chemie an der Land-und Forstwirthschaftlichen Akademie, Petrowskoye Rasumowskoye, near Moscow. *Chem.*
Schönfeldt, Dr. Ernst, Dorpat.
Schrenk, Dr. August von, Dorpat.
Schulten, Dr. August, Docent, Helsingfors, Finland. *Inorg. Chem.**
Schwarz, Prof. Dr. Ludwig, Imp. Univ., Dorpat. *Ast.*
Schweder, G., Pres. Naturforscherverein, Riga.
Schwedoff, Dr. Theodor, Prof. Univ., Odessa. *Phys.*

Scrobichewsky, L., Dir. Gartenbau Schule, Ouman. *Bot.*
Selheim, G., St. Petersburg. *Bot.*
Selivanoff, Alexis, Skopine (Gov. Riasane). *Myriopoda.*
Semenoff, P. N., St. Petersburg. *Coleopt.*
Semiradzki, Joseph, Imp. Univ., Dorpat.
Sievers, Gustav, Tiflis. *Gen. Ent.*
Simonoff, Director Observatory, Kasan.
Sintenis, F., Oberlehrer Universität, Dorpat. *Lepid., Coleopt.* C.
Slosarski, A., Univ., Warsaw. *Zool.*
Smirnoff, Tiflis, Georgia.
Sochotsky, T., Prof. der Universtät, St. Petersburg. *Math.*
Sokoloff, Observatory, Moscow.
Sommer, Alfred Richard, Schlossberg, 7, Dorpat. *Zool., Foraminifera.*
Sorokin, Prof. N. W., Universität, Dir. Botanical Gardens, Kazan. *Bot.*
Stelling, Edward, Physikalisches Central-Observatorium, W.O., 23, L. H., 2, St. Petersburg. *Meteo.*
Stephani, Ludolph, St. Petersburg.
Stettegast, Dr. H., Proskau.
Stieda, Dr. Ludwig, Prof. der Anatomie a. d. Universität, Dorpat. *Anat., Emb., and Histol. of Vert., Anth.* C. Ex.*
Stranch, Dr. A., Dir. Zool. Mus., St. Petersburg.
Struve, Prof. Dr. H., Staatsrath, Tiflis.
Struve, Otto, Director Observatory, Pulkowa, Academy of Sciences, St. Petersburg. *Ast.*
Sundell, Prof. A. F., Helsingfors, Finland. *Phys.*
Sylling, Hjalmar, Helsingfors, Finland. *Geol.*
Szedinszy, N., Charkov. *Bot.*
Sznabl, Dr. John, Krakowsk St., 63, Warsaw, Poland. *Dipt., Brachycera.*
Szokalski, Dr. Victor F., Warsaw.
Taczanowski, W., Univ., Warsaw. *Zool.*
Tchebichef, Academy, St. Petersburg.
Tchébicheff, Prof. Pafnutij, St. Petersburg.
Tchernobrowkine, Basil, St. Petersburg. *Coleopt.*
Tcihatchef, Dr. Peter von, St. Petersburg.
Teich, Docent, Riga. *European Lepid.*
Tengström, Dr. J. M. J., Lojo, Finland. *Lepid.*
Thoms, Prof. George, Riga. *Agric., Chem. Geol., Chem., Gen. Biol.**
Timiriaser, Prof. Dr. C., Academie of Agriculture, Petrowski, near Moscow. *Physiol. of plants.*
Trautschold, Dr. Hermann, Prof. Geol. und Min., Petrowskische Ackerbau und Forst-Akademie, near Moscow. *Geol., Palæo., Min.* C.*
Trautvetter, E. R., St. Petersburg. *Bot.*
Treffner, Edward, Imp. Univ., Dorpat.
Treumann, Carl, St. Petersburg.
Tschekoff, Alex., St. Petersburg. *Coleopt.*
Twelvetrees, W. H., Voskrensky Zavod, near Meleus, Orenburg.
Umoff, Prof. Dr. Nikolaus, Univ., Odessa. *Phys.*
Unterberger, Prof. Dr. Friedrich, Imp. Univ., Dorpat.
Van-der-Flitt, Prof. der Universität, St. Petersburg. *Physics.*
Verigo, Prof. Alexander, Universität, Odessa. *Chem.*
Vesselofski, Sec. Acad. Imp. des Sciences, St. Petersburg.
Viohniakov, Nicholas, Gagarinstr., Moscow. *Palæo.*
Volck, Dr. Wilhelm, Imp. Univ., Dorpat.
Volborth, Dr. A. von, St. Petersburg.
Wainio, Dr. Edw., Docent, Helsingfors, Finland. *Lichenol., Topographs of plants, Flora of Lapland.* C.
Waga, Prof., Warsaw. *Gen. Ent.*

Wakulowsky, Nicolas, St. Petersburg. *Gen. Ent.*
Wankowicz, J., Minsk, Lithuania. *Coleopt., esp. Polish.*
Watecki, A., Univ., Warsaw. *Zool.*
Weihrauch, Prof. Dr. Carl, Imp. Univ., Dorpat. *Meteo., Geom., Phys.*
Wiedemann, Dr. Ferdinand Johann, Akad. der Wissenschaften, St. Petersburg.*
Wiezemski, Prof. Dr. Adam, Imp. Univ., Dorpat.
Wiik, Prof. Fred. Joh., Helsingfors, Finland. *Crystal., Min., Geol.*
Wild, Dr. Heinrich, Wirkl. Staatsrath, Mitglied der Academie der Wissenschaften, und Director des physikal. Central-Observatoriums, St. Petersburg. *Physics, especially Meteorology and Terrestrial Magnetism.*
Willebrand, Prof. Dr. Canut-Felix de, Universität, Helsingfors, Finland. *Nat. Hist.*
Winkler, Constance, St. Petersburg. , *Bot.*
Wischnegradsky, Alexis, Lab., Univ., St. Petersburg. *Chem.*
Woeikof, Alex. J., Ph.D., Imp. Geog. Soc., St. Petersburg. *Meteo.*
Woldstedt, Wilhelm, Zool. Mus., Akad. der Wissenschaften, St. Petersburg. *Hymenop., Coleopt., Dipt., Hemipt.**
Wolff, Prof. Dr. R. Reinh, Polytechnische Schule, Riga. *Bot.*
Wroblewsky, Dr. E., Lab., Tech. Inst., St. Petersburg. *Chem.*
Zander, Dr. Arthur, Dorpat.
Zinger, Prof. Universität, Moscow.
Znatowicz, Br., Univ., Warsaw. *Chem.*

SPAIN.

Abela y Sainz de Andino, Eduardo, C. de Felipe V, 2, Madrid.
Adan de Yarza y Torre, Ramon, Bilbao. *Min., Geol., Palæo.*
Adaro, Luis, Mining Engineer, Gijon. *Geol., Min.*
Aguas, Mariano, Segovia.
Albiñana y Rodriguez, José, Lérida.
Alea, Francisco, Nat. Sci. Mus., Madrid.
Allende Salazar y Salazar, Angel, Calle de la Reina, 19, Madrid.
Allende Salazar y Salazar, Manuel, C. de la Reina, 19, Madrid.
Almera, Jaime, Calle de Sellent, 3, 3.°, Barcelona. *Geol.*
Alonso, Martinez, Adriano, Calle del Conde de Aranda, 3, Madrid. *Anth.*
Alvarez Alvistur, Louis, Agronome, Delegué du Ministère de Fomento pour l'Etude des infirmités des plantes, de la Royal Academie de Sciences et lettres, Rue Alcalá, 48, 3.°, Madrid. *Ent.. Hymenop.*
Alvarez Ardanuy, Eduardo, C. de Leganitos, 1, 2.°, Madrid.
Alvarez Garcia, Rodulfo, Avilés, Oviedo.
Alvarez Montequin, Saturnino, Oviedo.
Amado Salazar, Enrique, C. del Prado, 20, 2.°, Madrid.
Amo, Dr. Mariano del, Grenada. *Bot.*
Andrés y Montalvo, Tomás, C. de la Cava alta, 2, 2.°, Madrid.
Andrés y Tubilla, José, Mayor, 118, 4.°, Madrid.
Andrés y Tubilla, Tomás, Sec. Soc. Linnean Matritense, C. de Santa Clara, 3, Madrid. *Bot.*
Angoitia, Francisco, C. del Arco de Santa María, 43, Madrid.
Anton y Ferrandiz, Manuel, C. de Jacometrezo, 74, 2.°, Madrid.
Antonio Ibanez, Francisco, Cartagena (Murcia).

Arce y Jurado, José, C. de Recoletos, 18, 3.°, Madrid. *Bot.*
Arcimis, Augusto T., Plaza de Mina, n.°, 16, Cádiz. *Ast., Meteo.**
Areitio y Larrinaga, Alfonso María de, Bilbao. *Min., Geol., Palæo.*
Arsensio, Dr. Ildefonso, C. de las Fuentes, 5, 3.°, Madrid. *Malacol.*
Asuero y Villaescusa, Dr. Vincente, C. del Principe, 15, 2.°, Madrid.
Atienza y Sirvent, Meliton, Prof. of Agric. of the Inst. of Malaga, Manager of the Acclimation Gardens, 13, Calle de la Victoria, Malaga.*
Autran, Ysidoro, Substitut du Procureur Royal au Conseil d'Etat, 50, Calle de Serrano, Madrid. *Micrography.* C.
Avila, Pedro, Escorial.
Azcárate, Prof. Casildo, C. de Serrano, 72, Madrid. *Bot.*
Barandica, Torcuato, Bilbao.
Barazona, Salvador, Carpio (Cordova).
Barceló y Combis, Prof. Francisco, Inst., Palma. *Bot., Phys.*
Barredo, Emilio, Badajoz.
Benavente, Mariano, C. de Atocha, 109, 2.°, Madrid.
Benavides, José R., C. de San Miguel, 17, Madrid.
Berenguer, Enrique, Quijas (Santander).
Bernat y Tabuenca, Juan, C. Mayor, 108, Madrid.
Bofill, Arturo, Rambla de Canaletas, 2, 3.°, Barcelona. *Bot., Con., Fossils of the Miocene and Pliocene.**
Bolivar, Ignacio, Prof. d'Entomologie a l'Univ. (winter address), Atocha, 24, Madrid (summer), Pinto, near Madrid. *Ent., especially Orthopt. and Hemipt. of the entire world.* C. Ex. specimens of Spain for those of foreign countries.
Bolívar y Urrutia, José María, C. del Carbon, 2, 2.°, Madrid.
Bolós, Ramon María, Olot (Gerona).
Bonet, Prof. Magin, Calle Caboza, 24, Madrid. *Chem.*
Borja, Pedro, Madrid.
Borrell, Dr. Félix, Puerta del Sol, 9, Madrid.
Boscà, Eduardo, Prof. d'Histoire Naturelle, Istituto de 2a Enseñanza de Ciudad-Real. *Herpetology.* Reptiles and Amphibia of the Iberian Peninsula and of the Balearic Isles. C. Ex. for the same from the region of the Mediterranean.
Boscá, Fernando, Valencia. *Bot.*
Botella y de Hornos, Federico de, Inspector General de Minas, Miembro de la Real Academia de Ciencias, ex-Presidente de la Sociedad de Hist., Calle de San Andrés, 34, Madrid, *Geol.*
Boutelou, Estéban, Plaza de Santa Ana, 17, Madrid.
Brehm, Reinaldo, Calle de Goya, 5, Madrid. *Orn.*
Breñosa, Rafael, Ingeniero de Montes, San Ildefonso (Segovia). *Microlithology, Mineralogy, Micrography.*
Brochard, Belmonte (Cuenca). *Coleopt.*
Brunetti de Lasala, Christina, C de Fuencarral, 111, Madrid.
Buergo y Campillo, Francisco, C. de la Concordia, 4, Madrid.
Cabello-é-Ibanez, Barcelona. *Chem.*
Cáceres, Francisco S. de, Plaza de Zubarán, 6, Sevillá. *Bot.*
Cadevall y Diars, Dr. Juan, Tarrasa.
Cadrecha, Enrique, C. del Fúcar, 15, 2.°, Madrid.
Calahorra, Benito, Soria.
Calahorra, Enrique, Santiago de Galicia.
Calavia, Salvador, Arande del Conde, Madrid. *Bot.*
Calderon, José Angel, Corredera baja de San Pablo, 57, 2.°, Madrid.
Calderon, Prof. Salvador, Inst., Madrid. *Bot.*
Calderon y Ponte, Luis, Cabuérniga (Santander).
Calleja y Ayuso, Francisco de la, Talavera de la Reyna.
Calleja y Sanches, Dr. Julian, Plaza de Matute, 9, 2.°, Madrid.

Campion y Aristeguieta, Ricardo, Plaza de Guipúzcoa, San Sebastian (Guipúzcoa). *Ent.*
Campo, Enrique, C. de Gravina, 11, Madrid.
Campo y Fernandez, Lucas, Alcalá de Henares, Madrid.
Campo y Garcia, Custodio, Bielsa (Huesca).
Cano y Nieves, Dr. Francisco, Valsequillo (Córdoba).
Canovas, Cobeno Francisco, M.D., Prof. Inst., Lorca. *Palæo., Bot., Nat. Hist., Arch., Ichth.* C. Ex.*
Caramanzana, Felipe, C. de Atocha, 109, Madrid.
Carbó, Prof. Dr. Narciso, Calle de Jerusalem, 10, Barcelona. *Bot.*
Cardona y Orfila, Dr. Francisco, C. del Horno, 23, Mahon, Balearic Isles. *Malacology, Ent., Palæo.* C. Ex. Offers Mollusks, fossils, and Coleoptera of Minorca for those of other countries.
Carrasco y de la Sagra, Francisco, Arquillos (Jaen).
Casa-Loring, Marquise de, 23 Alcala, Madrid.
Casal y Lois, José, Pontevedra.
Casas y Abad, Dr. Serafin, Instit., Huesca. *Nat. Hist.*
Castan, Vicente, Graus (Huesca).
Castel, Carlos, C. de Hortaleza, 44, 3.°, Madrid.
Castellarnau y de Lleopart, Joaquin Maria de, San Ildefonso (Segovia).
Castro, Dr. Antonio Senen de, Cuenca.
Castro y Duque, Jacinto, Escorial. *Comp. Anat., Lepid.*
Caule, Dr. H. Priato, Sta. Barbara, 7, Madrid. *Moll.*
Causin, Bartolomé, La Aguilera (Búrgos).
Cayuela, Natalio, Pamplona.
Cervelli, Rev. P. Luis, San Gervasio, 20, 1.°, Barcelona. *Con.*
Cervera, Rafael, Calle de Jacometrezo, 66, 2.°, Madrid.
Chape, Prof. Dr. Juan Bautista, Cádiz. *Nat. Hist., Bot.*
Chaves, Antonio, Bot. Gar., Barcelona. *Bot.*
Chicote y del Riego, Dr. César, San Bernardo, 41, Madrid. *Ent.* C. Hemiptera of Europe. Ex. good native specimens for those of Egypt and of Russia.
Codina y Langlin, Ramon, C. de San Pablo, 70, Barcelona.
Codorniu, Ricardo, Cartagena. *Bot.*
Colmeiro, Prof. Miguel, Dir. Bot. Gar., C. del Clavel, 2, 3.°, derecha, Madrid. *Bot.**
Colvé, Dr. Pablo, Plaza de Mirasol, 1, Valencia.
Comerma, Andrés A., Ferrol.
Compañó, Manuel, Ciudad Real, Lorenzo del Escorial. *Bot.**
Corminas, Enrique, Calle Milans, Barcelona. *Phys.*
Coronado, Francisco, Calle Serra, 18, 2.°, Barcelona. *Con.*
Corral y Lastra, Rafael Cudillero (Oviedo).
Cortadelles, Jacundo, Burgos. *Con.*
Cortázar, Daniel, C. del Sauci, 16, Madrid.
Cortazar, de, Calle Isabel la Catolica, 25, Madrid. *Geol.*
Cortes y Morates, Balbino, Pres. du Conseille d'Agric. du departement de Madrid, C. de Campomanes, 6, Madrid.*
Cortes, Juan Francisco, Agric. Sch., Madrid. *Bot.*
Costa, Dr. Antonio Cipriano, Claris, 7, Barcelona. *Bot.*
Couder, Gerardo, Avila.
Crespí, Dr. Antonio, C. de San Felipe, 4, Palma (Mallorca). *Bot.*
Cruz Manso de Zúñiga y Enrile, Victor, C. de la Aduana, 4, Madrid. *Bot.*
Cuellar y Ruiz, Manuel, C. del Romero, 34, Cordova.
Cuesta, Pablo, C. de Carretas, 9, Madrid.
Cuní y Martorell, Miguel, C. de Codols, 18, Barcelona. *Bot., Ent.*
De Alós, Luis F., Calle Bassa S. Pedro, 31, 1.°, Barcelona. *Numis.*
De Barnola, Rafael, Calle Escedellers, 5, 7, 9, 1.°, Barcelona. *Numis.*

De Belloch, Conde, Pasco de Gracia, 163, 1.°, Barcelona.
De Siscar y de Montolin, Ramon, Calle Puertaferessa, 21, 1.°, Barcelona. *Numis.*
Diaz Cueto y Teran, Emeterio, Molledo (Santander).
Diez Ulzurrum y Monasterio, Pablo, Imperial, 1, Madrid.
Dionisio, Martin Ayuso, C.E., Inst., Pamplona. *Agric., Meteo.**
Domingo, Francisco, Riera del Pino, 4, Barcelona.
Dorronsoro y Ucelayeta, Bernabé, Montera, 51, 3.°, Madrid.
Egea y Tortosa, Márcos, Velez-Rubio (Almería).
Ehlers, W., Banquier, 37, Muralla del Mar. (Bureaux, 17, Plaza del Rey), Cartagena, *Entomology: Coleoptera.* C. Cicindelidæ and Carabidæ. Buys and exchanges specimens of all countries.
Epejo, M. Zoilo, Dir. Bot. Gar. of Manila, Prof. Inst. of Alfonso XII., Calle de Fuencarval, 97, Madrid. *Bot., Agric.**
Ercolani, Prof. G. B., Bologna.
Escalante, José, C. del Cubo, 8, 2.°, Santander.
Escosura, Luis de la, C. de San Miguel, 11, Madrid.
Espada y Aldama, Manuel de la, Cruz, 12, 4.°, Madrid.
Espluga y Sancho, Faustino, Barbastro.
Estébanez y Mazon, José, Soncillo (Búrgos).
Estrada Catoyra, Domingo, Santander.
Fabié, Antonio María, C. del Principe, 12, Madrid.
Falcon y Lorenzo, Antonio, Castellon. *Bot.*
Fatigati, Prof. Serrano, Ciudad Real. *Bot.*
Femenias Aledo, G., Rue Moreras, Mahon (Baleares). *Bot.: Marine Algæ.* C.
Fernandez Cuesta, Nemesio, C. de Lope de Vega, 50 y 52, Madrid.
Fernandez de Castro, Angel, Santander.
Fernandez de Castro, Manuel, C. de las Infantas, 13, 3.°, Madrid. *Min.*
Fernandez, Francisco, Guadalajara. *Bot.*
Fernandez, Losada, Cesáreo, Plaza del Progreso, 5, 2.°, Madrid.
Fernandez, Molina, Dr. Ramon, Campanario (Badajoz).
Fernandez y Rodriguez, Dr. Mariano, C. de Pontejos, Madrid.
Ferrand, Julio, Oficina del Ferrocarril de Malpartida á Plasencia, Valencia de Alcántara.
Ferrandiz, Dr. Manuel Anton, Aide-Naturaliste au Museum d'Histoire Naturelle, Madrid. *Mollusks, Zoophytes.* C.
Ferrari, Dr. Cárlos, Plaza de San Ildefonso, 7, Madrid.
Ferrer y Vinarta, Dr. Enrique, Univ., Calle de Ballesteros, 7, Valencia.
Florez y Gonzalez, Dr. Roberto, Escuela Normal, Oviedo.
Formica, Corsi Coronado, Dr. Antonio, Ronda de S. Pedro, 185, Barcelona. *Anat.*
Fortanet, Ricardo, C. de la Libertad, 29, Madrid.
Frades, Luis G., D.S., Catedrático de Fisica y Quimica y Director de la Estacion Meteorologica en la Univ. de Oviedo, Istituto Provincial, Oviedo. *Meteo.**
Fruan, Alfred, Gijon. *Algæ, Desmids, Diatoms, Hort., Min., Photomicrography, Infusoria.**
Galdo, Dr. Manuel Maria José de Prof. Numeraire á l'Institut du Cardinal Cisneros, Rue d'Hortaleza, 78, 2.° étage, Madrid. *Nat. Hist., Physiol., Hygiene.*
Gallego y Castro, Mariano, Plaza del Cordon, 3, Madrid.
García Cardiel, Ricardo, Travesía de San Mateo, 4, Madrid. *Coleopt., Dipt. of Europe.*
García Ochoa, Miguel, Salamanca.
García Rendueles, Rufo, C. del Barquillo, 4 y 6, 3.°, Madrid.
García y Alvarez, Rafael, Granada.
García Mediavilla, Salvador, C. de las Huertas, 78, 3.°, Madrid.

García y Arenal, D. Fernando, Director of the harbor works, Gijon. *Civil Engineering, Phys., Meteo.**
Ghersi, Francisco, Cadiz. *Bot.*
Gil y Flores, Manuel, Puerta del Sol, 5, Café de Levante, Madrid. (also, Loranca de Tajuna Guadalajara.) *Palæo., Geol., Min., Crystal. Lithol., Moll., Radiates, Sponges.* C. Ex.*
Gimeno, Brun, Ricardo, C. de los Avellanos, 3, Búrgos.
Gogorzo y Gonzalez, José, C. de Claudio Coello, 38, 4.°, Madrid. *Ent., Hymenop.*
Gomez Pamo, Dr. Juan Ramon, Santa Isabel, 5, Madrid,
Gomez y García, Manuel, C. del Arenal, 18, Madrid.
Gonzalez Arias, Anastasio, Lillo.
Gonzalez y Canales, Prof. Dr. Vincente, Dir. Bot. Gar., Santiago. *Bot., Nat. Hist.*
Gonzalez de Valesco, Eduardo, Oviedo.
Gonzalez de la Pena, Pablo, Dir. Agric. Sch., Madrid. *Bot.*
Gonzalez, Dr. Fragoso, Univ., 17, Rue St. José, Seville. *Crypt. Bot.: Ferns, Mosses, Geol., Herpetol.* C. Ex.*
Gonzalez, Mariano, Agric. Sch., Madrid. *Bot.*
Gonzalez Marti, Dr. Ignacio, Encomienda, 9, Madrid.
Gonzalez Velasco, Dr. Pedro, Mus. Antropol., Madrid.
Gonzalo y Goya, Angel, Plaza de la Verdura, 7, Salamanca.
Gorriz, y Muñez, Ricardo José, Milagro, Navarre. *Gen. Ent., Hymenop., Coleopt.*
Graëlls, Dr. Mariano de la Paz, Professor de Anatomia Comparada y Fisiologia, Conscjero d'instruccion publica. Calle de la Bota, 2, Madrid. *Comp., Anat., Physiol., Zool., Bot., Ent.* C. Ex.
Greenhill, Thomas Arturo, C.E., Mem. Inst. C.E. (London), C. de Serrano, 54, Madrid.*
Greus y Martinez, Domingo, Plaza de Santa Catalina, Valencia.
Guirao y Navarro, Angel, C. del Prado, 24, Madrid.
Gutierrez de la Vega, José, C. de Espoz y Mina, 3, Madrid.
Heredia, Ricardo, Paseo de la Fuente Castellana, Hotel núm. 16, Madrid.
Hernandez Muñoz, Antonio, C. de Peligros, 6, Madrid.
Herrero, Eusebio, C. de Alcalá, 49, Madrid.
Herreros, Francisco Manuel de los, Palma.
Hidalgo, Dr. Joaquin Gonzalez, Roy. Acad. Sci., Calle de Cadiz, 9, 3.°, derecha, Madrid. *Con.* C. Ex. shells of Spain for. L. and M. shells of other countries.*
Hontañon, Dr. Leopoldo, C. de Hernan-Cortes, 2, Santander.
Hysern, Joaquin, Calle del Prado, 20, Madrid.
Ibañez, Francisco Antonio, Muralla del Mar, 43, Cartagena. *Bot., Malacol.*
Iglesia, Dr. Santiago de la, Calle Real, 78, pral, Ferrol. *Ent.: Coleopt., Moll.* C. Ex. Coleoptera and shells.*
Iñarra y Echeverría, Fermin, C. del Barco, 6, 3.°, Madrid.
Inchaurrandieta, Rogelio, C. de la Princesa, 7, Madrid. *Min., Geol.*
Ingunza, Ramon, Plaza de Santa Ana, 5, Madrid.
Izquierdo, Joaquin, Granada.
Jimenez de la Espada, Márcos, C. de Claudio Coello, 38, 2.°, Madrid. *Mam., Orn., Reptiles and Batrachians.*
Jimenez de Pedro, Justo, C. de Atocha, 103, principal, Madrid.
Jimenez y Jimenez, Dr. José, Alboj (Almería).
Lacasa, Manuel, Vera (Almería). *Geol.*
Lacoizqueta, José María de, Navarte (Navarre). *Bot.*
Laffite y Ovineta, Vicente, C. de Pontejos, 6, 3.°, Madrid.
Laguna, Máximo, C. del Clavel, 2, 3.°, Madrid. *Bot.*
Landa, Nicasio, Pamplona.

Landerer, José J., Tortosa (Tarragone). *Geol.* (*Sidereal*), *Paleo.* C. Ex.
Lara, José Perez, Jerez de la Frontera. *Bot.*
Larrinúa y Azcona, Dr. Angel, C. de Legazpi, 1, 2.°, San Sebastian (Guipúzcoa). *Coleopt.*
Laviña, Federico, C. de Villaler, 6, 2.°, Madrid.
Lázaro é Ybiza, Dr. Blas, Prof. en Ciences, Calle la Esgrima, 7, 3.°, Madrid. *Bot., especially of Spain.* C. Ex. with Europeans.
Lanzarote, Joaquin, Proprietaire, Commandeur, San Judas, 3, Murcia. *General Sciences, Agric.*
Litran y Lopez, José, Almería.
Lizambard, Abbé, Consulat de France, San Sebastian. *Ent.; Coleopt.*
Lomana y Alonso, Vincente, Alcala, 3, Madrid.
Lopez de Quintana, Diego, C. de la Independencia, 8, 3.°, Zaragoza. *Min., Geol.*
Lopez de Silva, Estéban, C. de Leganitos, 46, Madrid.
Lopez Dóriga, José, Oviedo.
Lopez Lezcano, Francisco de, C. de Carretas, 9, 3.°, Madrid. *Coleopt.*
Lopez, Seoane, Dr. Victor, Ancien Prof. d'Histoire Naturelle, Phisique et Chimie, Coruña. *Reptiles, Batrachians, Insects, Shells, and plants of Europe.* C. Ex.
Lopez, Vidaur, Aurelio, Santander.
Lopez y Bienert, Guillermo, Cartagena.
Loscos, Francisco, Castelserás. *Bot.*
Lozano, Isidoro, C. de la Peninsular, 9, 4.°, Madrid.
Lozoya, Marqués de, Plaza de San Pablo, Segovia.
Lleó, Antonio María, Valencia.
Machado, Prof. Dr. Antonio, Dir. Bot. Gar., Seville. *Bot., Nat. Hist.*
Macho de Velado, Jerónimo, Santiago de Galicia.
MacLennan, José, Bilbao.*
Macpherson, Joseph, 7, Rue Fernand el Santo, Madrid. *Petrography.* C.*
Macpherson, William, British Vice-Consul, British Legation, or Calle Vernando el Santo, 7, Madrid. *Prehistoric Arch. and Min.*
Madrid y Moreno, José, Huertas, 53, 2.°, Madrid.
Madariaga y Regil, Julian, Plaza de la Independencia, 9 y 10, Madrid.
Madrazo, D. Fernando de, C. de San Bernardino, 10, Madrid.
Maffei, Eugenio, C. de Mendizábal, 2, Madrid.
Mallada, Lucas, C. de San Vicente, 40, Madrid.
Marin y Sancho, Francisco, C. del Viento, 3, Madrid.
Martin, Antonio, Calle del Osario, 9, Cordova.
Martin Sanchez, Enrique, Castellon.
Martin del Amo, Eduardo Jacobo, C. de Alfareros, 15, Valladolid.
Martin de Argenta, Vicente, C. de Hortaleza, 86, Madrid.
Martinez Añibarro Rives, Dr. José M., Dir. du "Bureau Scientifique," Lain Calvo, 20, Búrgos, also Conde Duque, 10, Madrid. *Phil., Chem.* C. Ex.*
Martinez Añibarro Rives, Juan, Officier d'Artillerie, Lain Calvo, 20, Búrgos. *Pyrotechnic Philosophy.**
Martinez, Luis Arcadio, Huelva.
Martinez Cañada, Andrés, C. de Saurin, 4, Murcia. *Orn., Min.*
Martinez de Pison, Venancio, C. de Preciados, 6, 2.°, Madrid. *Geol., Paleo.*
Martinez, Molina, Rafael, C. de Atocha, 133, Madrid.
Martinez Vigil, Ramon, des Frères Prêcheurs, Procurador General de la Orden de Predicadores, Pasion, 15, Madrid. *Bot.* C. of the University of Manila. Ex. shells.
Martinez y Angel, Antonio, C. Mayor, 114, 3.°, Madrid.

Martinez y Martinez, Félix, Mogente, Valencia.
Martinez y Saez, Francisco de Paula, Catedrático de Zoografía de los Vertebrados en la Facultad de Ciencias de la Universidad, Plaza de los Ministerios, 5, 3.°, izquierda, Madrid. *Coleoptera of the Mediterranean basin.* C. Ex. Desires specimens not already in collection.
Marti y de Lleopart, Francisco María de, Abogado, Calle de Sta. Ana, 8, prāl., Tarragona. *Bot., Zool.*
Martorell, Dr. Francisco, Rambla de Sta.-Mónica, 33, 1.°, Barcelona. *Ent.*
Martorell y Cuni, Jerónimo, C. de Serra, 18, 2.°, Barcelona. *Agric.*
Martorell y Peña, Manuel, Rambla de Santa Mónica, 33, 1.°, Barcelona. *Coleopt., Hemipt., Hymenop., Orthopt., Lepid., Dipt.* C. Ex.
Masferrer y Arquimbau, Dr. Ramon, Plaza de Don Miguel, 1, piso 2.°, Catalonia (Vich). *Bot.* C.
Mayorga y Garcia, Antonio, C. Mayor, 43, Madrid. *Bot.*
Mazarredo, Carlos de, Ingeniero de Montes, Almirante, 2, cuadro, 2.°, izqda., Madrid. *Arachnida and Myriapoda.*
Menendez y Fernandez, Fernando, Travesia del Conservatorio, 7 y 9, Madrid.
Mercado y Gonzalez, Dr. Matias, Nava del Rey (Valladolid). *Ent., especially Coleopt. of Spain and Portugal.* C. Ex. Coleoptera of Spain for European.
Mira y Rico, Gaspar, Fuencarral, 14, Madrid.
Miralles de Imperial, Clemente, Plaza de Ramiro, 3, Alicante.
Miranda y Eguia, Genaro de, Oviedo.
Mir y Navarro, Manuel, Barcelona.
Mojados, Eduardo, Prof. Min. and Geol., C. de Valverde, 30 y 32, 3.°, Madrid.
Mompó y Vidal, Vicente, Albacete. *Orn.*
Monjo Monjo, Prof. P., Place Principe, Mahon. *Moll.*
Monsalud, Marqués de, Almendialejo (Badajoz). *Agric.*
Montserrat y Archs, Juan, Sec. Bot. Soc., C. del Hospital, 47, Barcelona. *Bot.*
Mora, Manuel, C. de las Córtes, 28, Cáceres. *Coleopt.*
Moragas, Ucelay, Ricardo, Farmaceutico de la Sociedad Española de Historia Natural, El Prado, Madrid. *Bot.**
Moragues y Manzanos, Prof. Fernando, Rue Armengol, 3, Palma de Mallorca (Baleares). *Coleopt., Moll.**
Moragues e Ybarra, Ignacio, S. Francisco, 18, Palma de Mallorca (Baleares). *Coleopt., Moll.* C. Ex.*
Moreno, Prof. Eugenio Prieto, Agric. Sch., Madrid.
Moreno y Espinosa, Luis, C. de Claudio Coello, 38, Madrid.
Moreno Nieto, José, Univ., C. de San Márcos, 26, 3.°, Madrid.
Moriana, Conde de, Las Fraguas (Reinosa).
Muller, Daniel, Pasco Gracia, 123, 4.°, Barcelona. *Ent.: Coleopt.*
Muñoz Cobo y Arredondo, Luis, Jaen.
Muñoz del Castillo, Dr. José, Prof. à la Faculté des Sciences de l'Université, Alfonso, 1.°, 43, 20, Saragosse. *Ampelography.*
Muñoz y Frau, José María, C. de San Bernardo, 75, Madrid.
Murga, Gonzalo de, C. de la Libertad, 29, Madrid.
Nieto y Serrano, Dr. Matías, Ronda de Recoletos, 11, Madrid.
Obrador, Pedro Antonio, Palma.
Olavide, José, C. de Jacometrezo, 45, Madrid.
Oñate, Condesa de, C. Mayor, 4, Madrid.
Ordoñez, Valeriano, Badajoz.
Orio, Prof. Dr. Antonio, Madrid. *Bot., Min.*
Ortiz y Landauri, Antonio, C. de Bailén, 6, Caballerizas, Madrid. *Zool.*

Orueta, Domingo, Cortina del Muelle, 65, Málaga.
Osés y Exterripa, Blas, C. del Sauco, 16, 3.°, Madrid.
Palacios y Rodriguez, José de, Plaza de Santa Ana, 11, Madrid.
Palou y Flores, Eduardo, C. de la Manzana, 4, 2.°, Madrid.
Parada, Adolfo, C. de San Fernando, 8, Jerez de la Frontera.
Pardo y Moreno, Eduardo, Murcia.
Paredes y Guillen, Ramon, Cáceres.
Pastor, Prof. Dr. Pascual, Dir. Bot. Gar., Rue St. Michel, 12, Valladolid.
Pedrals y Moliné, Arturo, Calle Ancha, 7, 4.°, Barcelona. *Numis.*
Pereda y Martinez, Sandalio de, C. de la Ballesta, 1, Madrid.
Perez Arcas, Laureano, C. de las Huertas, 14, 3.°, Madrid. *Coleopt. of Europe.*
Perez de Arrilucea, Andrés, Cameros (Logroño).
Perez Hernandez, Enrique, Calle de la Colegiata, 7, 2.°, Madrid.
Perez Maeso, José, Mem. Nat. Hist. Soc., C. de Quintana, 8, 3.°, Madrid. *Bot.*
Perez Minguez, Prof. Dr. Luis, Valladolid. *Bot., Nat. Hist.*
Perez Moreno, Andrés, C. de Leganitos, 2, Madrid.
Perez del Molino, Eduardo, Torrelavega (Santander).
Perez Ortego, Dr. Enrique, C. de Atocha, 36, Madrid.
Perez San Millan, Mauricio, Búrgos.
Peronen, Tomás, San Gabriel, Manila.
Piñerna, Eugenio, Oviedo.
Plannellas Giralt, Dr. José, Dir. Bot. Gar., Barcelona. *Nat. Hist., Bot.*
Plans, Fructuoso, C. de Claris, 6, 4.°, Barcelona.
Pomata et Gisbert, Eladio, Officier 3e du corps de Topographes, Polan, (Toledo). *Mineralogy, Geol. Bot.* C. Ex. Desires engraved Lithographs of natural history objects and botanical specimens.
Pombo, Antonio, C. del Arca, 1, 2.°, Vittoria.
Pons y Soler, Juan, Mahon. *Con., Palæo.* C. Ex. shells of Europe and fossils of Minorca for shells of all the world and ancient rocks.
Présser, Ernest, C.E., Mem. Inst. Med. (London), Salesas, 4, Madrid.
Prieto y Caules, Francisco, C. de Relatores, 18, 2.°, Madrid. *Geol., Malacol.*
Prieto y Prieto, D. Manuel, C. del Turco, 8, 3.°, Madrid. *Zool., Comp. Anat., Physiol.*
Prolongo, Dr. Pablo, Málaga. *Col.*
Puiggari, Juan, Barcelona. *Bot.*
Puig y Larraz, Gabriel, C. de Pavia, 2, 2.°, Madrid.
Quiroga y Rodriguez, Francisco, C. de Goya, 19, 4.°, Madrid.
Ramon Gomez Pamo, Juan, Pres. Soc. Linnean Matritse, Madrid.
Ramos, Siro, Paseo del Obelisco, 3, Madrid.
Ramos y Muñoz, José, C. de Pontejos, 6, 3.°, Madrid.
Ribera, Emilio, C. de Chofrens, 1, 3.°, Valencia.
Ribera, Marqués de la, C. de Serrano, 6, 2.°, Madrid. *Min.*
Rico y Jimeno, Tomás, Coruña. *Geol.*
Roca y Carchan, Ignacio, Calle Gigantes, 6, 2.°, Barcelona. *Ent.*
Roca y Vecino, Dr. Santos, Puerta de Segovia, 1, Madrid. *Min., Zool.* C. Ex. minerals of Spain for those of other countries.
Rodriguez de Cepeda, Antonio, Valencia.
Rodriguez Carracido, José, C. del Desengaño, 10, Madrid.
Rodriguez Femenais, Jean J., Rue Ysabel, II, 2.°, 46, Mahon (Balcares). *Bot.: Phanerogams and Marine Algæ.* C. Ex. Algæ.
Rodriguez Ferrer, Miguel, C. de la Cruz, 42, 3.°, Madrid.

Rodriguez Mourelo, José, C. de Bordadores, 3, Madrid.
Rodriguez Pumariega, Ulpiano, Avilés (Oviedo).
Roig Y. Torres, Prof. Raphaël, Barcelona. *Phys.*
Romeo, Pedro, Huesca.
Romero y Alvarez, Julian, C. del Horno de la Mata, 5, Madrid.
Rubio, Dr. Federico, C. de Alcalá, 57, Madrid.
Rubio, Jacobo María, Ronda de Recoletos, 11, Madrid.
Ruiz Casaviella, Juan, Licenciado en Pharmacien, Pamplona, Caparroso, (Navarre). *Bot., especially plants of Navarre, Tax.* C.*
Ruiz Madrid, Luis, C. de Juan de Dios, 4, 2.°, Madrid.
Ruiz de Salazar, Emilio, C. del Horno de la Mata, 12, 2.°, Madrid.
Saavedra, Eduardo, C. de San Joaquin, 14, Madrid.
Sainz Gutierrez, Pedro, Cateorática de Organografía y Fisiologia vegetat en la Facultas de Ciencias Salud, 11, 3.°, Madrid. *Bot.* C. Plants of Spain. Ex.
Salarich y Jimenez, José, C. del Progreso, 1, Vich.
Salazar de Perez de Castro, Sra. Doña Paz, Calle de las Huertas, 61, Madrid.
Sanchez Comendador, Prof. Antonio, Universidad, Barcelona. *Math., Bot.*
Sanchez Merino, Ramon, C. de Espoz y Mina, 9, 2.°, Madrid.
San Martin, Basilio, Plaza de Celenque, 3, Madrid.
Santistéban, Mariano, Istituto, Travesia del Fúcar, 14, Madrid.
Sanz, Prof. Serafin, Dir. Bot. Gar., Grenada. *Bot., Nat. Hist.*
Sanz de Diego, José, Prof., C. de San Bernardo, 15, Madrid. *Math.*
Sanz de Diego, Maximino, Naturaliste, Justa, 7, 2.°, Madrid. *Gen. Nat. Hist.* Buys, sells, or exchanges Nat. Hist. objects.
Saura, Santiago Angel, C. del Duque de la Victoria, 14, Barcelona. *Ent., Malacol.*
Secall é Inda, José, Salamanca.
Seebold, Teodoro, Apartado, 5, Bilbao. *Lepid., especially Micro-lepid.* C. Ex. European specimens for those of N. America.
Sepúlveda, José, Humanes.
Serrano Fatigati, Enrique, C. de Leganitos, 35, Madrid.
Serrano, Dr. Matias N., Madrid.
Silvela, Luis, Universidad, C. de Pizarro, 19, 2.°, Madrid.
Socorro, Marqués del, Academia de Ciencias, C. de Jacometrezo, 41, Madrid.
Solano y Eulate, José María, C. de Jacometrezo, 41, Madrid. *Min., Geol.*
Sotomayor, Manuel, C. del Ave-María, 12, Madrid.
Suarez, Sergio, C. del Prado, 3, 2.°, Madrid. *Bot., Ent.*
Suarez Inclan, Julian, Ronda.
Sureda y Villalonga, Juan, Palma. *Geol.*
Taboada de la Riva, Marcial, C. de las Infantas, 11, 3.°, Madrid.
Tellez y Vicen, Juan, C. de Tintoreros, 3, Madrid.
Texidor, Dr. Juan, Barcelona. *Bot.*
Torrepando, Le Comte de, C. de Gravina, 20, 2.°, Madrid. *Bot.*
Tortosa y Picon, Mariano, Oviedo.
Tornos, Lúcas de, C. de los Reyes, 20, 2.°, Madrid.
Trèmols, Federico, Catedratico de Quimica, Calle de Cortes, 214, Barcelona. *Botany.* C. 15,000 specimens of herbs. Ex.
Ubach y Soler, Antonio, Tarrasa.
Uhagon, Federico de, Marquina, Vizcaya.
Uhagon, Pedro Pascual de, C. de San Bartolomé, 7, 9 y 11, 3.°, Madrid.
Uhagon, Rodrigo de, C. de Jorge Juan, 7, Madrid.

Uhagon y Vedia, Serafin de, Membre fondateur de la Société Espagnole d'Histoire Naturelle de Madrid, Trésorier de la même Societ, Membre des Sociétés Entomologiques de France et de Berlin, et de la Société Entomologique Allemande, Calle de Jovellanos, 7, Madrid. *Entomology.* C. Coleoptera of Europe and of the basin of the Mediterranean, especially of Spain. Ex.*

Valdés y Pajares, Juan, C. de la Amnistia, 12, 2.°, Madrid. *Orn. of Spain.*

Valero y Castell, Blas, Bot. Gar., Valencia. *Bot.*

Valduvi y Vidal, Francisco, C. de la Luna, 36, 3.°, Madrid. *Hymenop.*

Valle y Ortega, Tomás, C. del Caballero de Gracia, 24, 3.°, Madrid.

Vallejo y Pando, Luis, Baeza.

Vayreda y Vila, Estanislao, Bessalú, Sagaró (Gerona). *Bot.*

Vazquez y Lopez Amor, Antonio, C. de la Biblioteca, 2, Madrid.

Velaz de Medrano, Fernando, Soria.

Vergara, Mariano, Avocat, ex. Deputé, ex-Prefect, Prof., Univ., Madrid, Plaza de Santa Barbara. *Gen. Sci., Agric., Bibliog.**

Vincente, Nemesio, Ferrol.

Vicuña, Gumersindo, C. de San Agustin, 10, 3.°, Madrid.

Vidal, Dr. Ignaz, Prof. Univ., Valencia. *Physiol.*

Vidal y Quadras, Manuel, Calle Cristina, 1, 2.°, Barcelona. *Numis.*

Vié, Louis, Nat. Sci. Mus., Madrid.

Vieites de Andrade, Vincente, Juez de la instancia, como idica la adjunta faja impresa, Barbastro. *Zool.*

Vigil Llano, Wenceslao, Soto del Barco (Oviedo).

Vilanova y Piera, José, C. del Gobernador Viejo, 7, Valencia.

Vilanova y Piera, Juan, C. de San Vincente, 12, Madrid. *Geol., Paleo.*

Vincent, Pascual, Corredera, Baja de San Pablo, 22, Madrid.

Vincente, Nemesio, Ingenerio de la Armade, Cartagena.

Vizcarrondo, Julio, 11, Calle de Villabar, Madrid.*

Wagner, Eugenio, C. de San Quintan, 6, Madrid.

Xavier de Castro, Prof. Dr. Francisco, Madrid. *Bot.*

Yañez, Dr. Teodoro, Universidad, C. de la Magdalena, 19, Madrid.

Zapater y Gomez Cordobés, Ildefonso, Teruel.

Zapater y Marconell, Bernardo, Albarracin. *Lepid., Bot.* C.

Zaragoza, Justo, C. de Campomanes, 4, 2.°, Madrid.

Zimmerman, Augusto, C. de Serrano, 82, Madrid.

Zubía, Prof. Ildefonso, Istituto, C. Mayor, 147, Logroño. *Bot., Hist.*

SWEDEN.

Abelin, Prof. Hjalmar A., M.D., Stockholm.

Adlerz E., Ph.D., Linköping. *Bryol., Bot.*

Adlerz, Gottfrid A., Upsala. *Ent.*

Agardh, Jacob G., Ph.D., Linköping.

Ahlberg, Dr. N. F., Univ. Bot. Gar., Upsala. *Bot.*

Ahlsbrand, J. A., Lib., Acad. of Sci., Stockholm. *Bibliog., Nat. Hist.*

Ahlner, Kl., Wexiö. *Algology.*

Ahlrot, Albert J., Kalmar. *Ent.*

Ahrling, Dr. Ewald, Arboga. *Bot.*

Akerberg, Dr. B. F., Upsala. *Math.*

Åkerhjëhm, Baron M., Lehrer d. Agric. Ultuna, Upsala. *Agric.*

Akerman, A. R., Tech. High School, Stockholm. *Met.**

Alen, Dr. J. E., Upsala. *Chem., Zool., Min.*

Almen, Prof. Dr. August, Roy. Univ., Upsala. *Med. Chem.*

Almquist, S., Lektor, Joh. Ö., Kyrkogata, 22, Stockholm. *Bot.* Lichens of the family of Graphidæ, Japanese Lichens, and Swedish Hieracæ. C. Ex.
Almström, R., Rorstranel, Stockholm.
Annell, Gustaf, K. M. K. Inst., Stockholm. *Histol.*
Anderson, Dr. F., Halmstad. *Nat. Hist.*
Andersson, Dr. A. E., Kristianstad. *Nat. Hist.*
Andersson, Carl G., Säter. *Ent.*
Ångström, Knut, Asst. Phys. Cabinet, Upsala. *Phys.*
Ankarcrona, Jakob W., Lyckeby. *Ent.*
Appelöf, Ad., Cand. Ph., Upsala. *Zool.**
Areschoug, Prof. Dr. Frederik Wilhelm Christian, Dir. Bot. Gar., Univ., Lund. *Bot.*
Areschoug, Dr. J. E., Prof. Emeritus, Univ., Upsala, Stockholm. *Bot.*
Arnell, Dr. H. Wilh., Jönköping. *Bryology.* C. Ex.
Arrhenius, Prof. John, Sec. Roy. Agric. Acad., Stockholm. *Agric. Econ.*
Atterberg, Dr. Albert, Vorsteher der Chemischen Station für Landwirthschaft und Gewerbe, Kalmar. *Chem.**
Aurivillius, Carl, Licent. d. Phil., Upsala. *Zool., Crustacea.**
Aurivillius, Christopher, Acad. Sci., Stockholm. *Ent.*
Axell, S., Sundsvall. *Bot.*
Bäcklund, Prof. Dr. Albert Victor, Roy. Univ., Lund. *Mech.*
Bager, Ernst, Malmö. *Ent.*
Bayer, Sven, Upsala. *Morbid. Anat.*
Berg, Dr. Theodor F., late Dir. Bureau of Statistics, Stockholm.
Bergendahl, Dr. D., Lund. *Bot.*
Berger, Dr. Alexander Frederik, Roy. Univ., Upsala. *Math.*
Berggren, Prof. Dr. Sven, Roy. Univ., Upsala. *Bot.*
Berglund, Dr. Emil, Tech. Inst., Gothenburg. *Chem.*
Bergman, Dr. F. A. G., Docent, Upsala. *Epidemiology.*
Bergstrand, Prof. Dr. C. E., Stockholm. *Agric. Chem.*
Bergstrand, Dr. J. O., Vorsteher d. Chem. Station, Westerås. *Agric. Chem.*
Berlin, Dr. Mac, Jönköping. *Nat. Hist.*
Berlin, Nils J., Director General Chem., Stockholm.
Billbergh, Lec. Dr. Thure, Westerås. *Phys., Math.*
Björkén, Dr. John, Upsala. *Ophthalmology.*
Björling, Prof. Dr. Charles F. E., Roy. Univ., Lund. *Math.*
Björlingsson, Gust. V., Kalmar. *Chem.*
Blix, Carl A., Carol Inst., Stockholm. *Pathol., Anat.*
Blix, Dr. Magnus Gustav, Roy Univ., Upsala. *Physiol.*
Blomberg, Dr. Albert, Stockholm. *Geol.*
Blomberg, Olof Gotthard, Pastor, St. Sundby. *Lichenol.* C. Ex.*
Blomstrand, Prof. Dr. Christian Wilhelm, Roy. Univ., Lund. *Chem.*
Blum, C. A., Linköping. *Seeds.*
Bohlin, Carl, Ass't., Observatory, Upsala. *Ast.**
Boman, Capt. Claes Eric, New Polytechnicum, Malmö. *Math., Phys.*
Börtzell, Algernon, Stockholm. *Geol.*
Bovallius, Dr. Carl, Roy. Univ., Upsala. *Carcinology, Comp. Emb.* C. Ex. Scandinavian Crust. and Moll. for Amphipoda, etc.*
Brobery, Dr. Joh. Val., Lib. School of Medicine, Stockholm. *History of Medicine.*
Brögger, W. C., Prof. of Geol. and Min. in the Univ. of Stockholm, Clara Strandgatu, 11, Stockholm.*
Broström, C. M., Upsala. *Algology.*
Brunnström, Dr. J. A., Karlshamn. *Nat. Hist.*
Brusewitz, Emil., Mint, Stockholm. *Chem., Met.*

Bruzelius, Dr. N. G., Rec. Schol., Ystad. *Eth.*
Busch, T. A. W., Söderköping. *Mining.*
Carlberg, P. M., Ställdalen. *Mining.*
Carlson, A. F., Bjuf. *Ent.*
Carlson, J., Upsala. *Bot.*
Carlsson, Dr. C. Ph., Falun. *Mining.*
Carlsson, Oscar, Stockholm. *Tech. Chem.*
Carpelan, Gustaf T., Stockholm. *Ent.*
Cederstrom, Dr. Carl, Freiherr, Rittergutsbesitzer, Carlstad. *Zool., Arch., Ethnog.* C.
Ceiller, D. C., Kopparberg. *Met.*
Christensen, R., Univ., Lund. *Bot.*
Claesson, Dr. John Peter, Roy. Univ., Lund. *Chem.*
Clason, Prof. Dr. Edward Claes Herman, Roy. Univ., Upsala. *Anat., Hist.*
Cleve, Dr. P. T., Prof. Chem., Roy. Univ., Upsala. *Chem., Mic., L. and F. W. Shells.* Ex.*
Collinder, E., Sundsvall. *Bryology.*
Cramér, Dr. H. J., Visby. *Math.*
Cronvall, Dr. Alex. Julius Alexander, Linköping. *Meteo.*
Cronander, Dr. A. W., Upsala. *Chem.*
Curman, Prof. Dr. Carl, Roy. Med.-Chi. Inst., Stockholm. *Meteo.*
Dahlander, Prof. G. R., Polytechnicum, Stockholm. *Phys.**
Dahm, Oscar E. L., Kalmar. *Ent.*
Dalén, Dr. J. E., Östersund. *Nat. Hist.*
Danielsson, C. F., Lindesberg. *Mining.*
Daug, Prof. Dr. Herman Theodor, Roy. Univ., Upsala. *Math.*
De Geer, G., Upsala. *Geol.*
De Laval, Dr. Patrick, Stockholm. *Malacology.*
Dellwik, C. A., Stockholm. *Met.*
Dillner, Prof. Dr. Göran, Roy. Univ., Upsala. *Math.*
Düben, Prof. Gustaf W J. von, Stockholm. *Anat., Eth.*
Dunér, Dr. Nils Christofer, Observator, Lund. *Ast.**
Dusén, K. F., Asst. Bot. Garden, Upsala. *Bot.: Sphagnaceæ.* C. Ex. fine specimens of Scandinavian Sphagnaceæ for others.*
Edgren, Dr. Per Adolf, Södra Humlegårdsgatan, 10, Stockholm. *Ent.*
Edlund, Prof. Dr. E., Königl. Academie der Wissenschaften, Drottninggatan, 94, Stockholm. *Phys., Elect.*
Eggertz, Carl M. U., Karlskrona. *Ent.*
Eggertz, Victor, Prof. and Vorsteher der Königl. Bergschule, Stockholm. *Met., Chem.*
Ekeberg, Hans J., Gothenburg. *Ent., Moll.*
Ekelund, A. F., Stockholm. *Mining, Met.*
Ekelund, Prof. Adam W., Univ., Lund.
Ekholm, Nicolaus Gustav, Asst. Meteo. Obs., Upsala. *Meteo.*
Eklund, J. E., Hofors, Robertsholm. *Mining, Met.*
Ekman, Fredrik Laurenz, Prof. Tekniska Högskolan, Stockholm. *Chem., Technol., Hydrography.*
Ekman, Gustaf, Engineer, Stockholm. *Hydrography.**
Ekstrand, Dr. Åke Gerhard, Roy. Univ., Upsala. *Chem.*
Ekstrand, Lec. Dr. Charles Richard, Polytechnicum, Gothenburg. *Mech.*
Ekstrand, E. V., Upsala. *Bryology.*
Elander, S. U., Upsala. *Chem.*
Enell, Henrik, Apotheker, Alingsås. *Chem.**
Engelhart, Carl David, Sec. Nat. Seedculture Soc., Blästad, Linköping. *Phæn. Bot., Ferns, Agric.* C. Ex.*
Engström, Dr. B. A., Kalmar. *Nat. Hist.*
Engström, Dr. Folke August, Amanuens., Lund. *Ast.**

Engström, Nils, Ph.D., Alnarp Åkarp. *Geol., Min., Chem.*
Erdmann, Edvard, State Geologist, Amanuensis of the Geol. Museum, Geol. Survey Office, Stockholm. *Geol.* (Coal Mines and Quaternary deposits).*
Eriksson, Dr. Jac., Roy. Acad. Agric., Stockholm. *Bot.*
Eurén, Asst. Zool. Mus., Upsala. *Incert. Zool.*
Eurenius, Lec. Dr. Alex Gustav Julius, Polytechnicum, Norrköping. *Mech.*
Eurenius, M., Malmö. *Zool.*
Ewert, Lec. Dr. Axel Wilhelm, Polytechnicum, Gothenburg. *Chem.*
Fagerholm, Lec. Dr. John Alfred, Visby. *Phys., Math.*
Fåhraeus, Olof I., late Minister Interior, Stockholm. *Ent.*
Falk, Dr. Matths, Roy. Univ., Upsala. *Math.*
Fegrdus, T., Upsala. *Geol., Min.*
Fernqvist, Eric Bernhard, Polytechnicum, Örebro. *Chem., Geol.*
Fineman, Carl Gottfried, Asst. Meteo. Obs., Upsala. *Meteo., Phys.**
Floderus, Rec. Dr. Manfred, Gymnasium, Upsala. *Phys., Math., Ent.*
Fogelmark, Prof. Dr. Fredrik Emil, Polytechnicum, Stockholm. *Math.*
Forssell, Dr. K. B. J., Upsala. *Lichens.* Ex. lichens of Sweden and Norway for those of other countries.*
Forssell, Prof. Dr. Nils Edward, Skara. *Ent., Bot., Palæo., Chem., Physics.* C. Ex. Also has curiosities to sell.
Forssman, Dr. L. A., Stockholm.
Forsstrand, Asst. Zool. Mus., Upsala. *Invert. Zool.*
Fredholm, Dr. Karl August, Lector vid Luleå h. Allmänna Läroverk, Luleå. *Min., Geol.* C. Ex. Offers Swedish and Norwegian minerals and rocks from Lapland.*
Fries, Dr. R., Gothenburg. *Bot.*
Fries, Dr. Th. M., Prof. in Univ., Dir. Bot. Gardens, Upsala. *Arctic Flora, Lichens.* C. Ex. Arctic plants and European Cryptogams.
Friesen, Dr. John Otto von, Nya Elementar Skolan, Stockholm. *Bot., Zool.*
Friesen, Sixten von, Rektor, Stockholm. *Phys.**
Fristedt, Prof. Dr. Robert Fredrik, Roy. Univ., Upsala. *Pharm., Bot., Nat. Hist.*
Fürst, Carl Magnus, Karolinska Mediko-Kirurgiska Institutet, Stockholm. *Anat.**
Gadamer, H. Forstmeister, Rå slätt, near Jönköping. *Ent.* C. Ex. Wishes Carabidæ, especially Cicindela, Carabus, Proctorus, Calosoma, Buprestidæ, Chrysomelidæ, Crytocephalus, Cassida, Cryptus, and Melontha.
Gadde, Dr. F. O., Lund. *Malacology.*
Gelertsen, H., Lehrer, Ultuna, Upsala. *Hort.*
Geologisra, Füreningen, Stockholm (1871). Sec., Dr. E. A. Türnebohm.*
Goës Axel, M.D., Wisby. *Invert., Gen. Biol., Rhizopoda.**
Gosselman, Dr. C. A., Carlskrona. *Nat. Hist.*
Grenholm, Dr. P. A., Umeå. *Nat. Hist.*
Gronwall, Dr. A. L., Malmö. *Bot., Nat. Hist.*
Gumælius, Otto, Mining Engineer, Rocklunda, Walla. *Geol.*
Gyldén, Prof. Hugo, Director der Sternwarte, Astronomiska Observatorium, Stockholm. *Ast.*
Hackwitz, Gustaf von, Lehrer, Wenersborg. *Orn., Ent.* C.
Hagelin, J. H., Ph.D., Stockholm. *Bot.*
Hadbom, K. J., Upsala. *Bot., Zool.*
Haglund, Dr. C. J. Emil, Practischer Arzt. Norrköping. *Hemipt. of the entire world.* C. Ex.
Haij, Julius B., Upsala. *Ent.*
Håkanson, Piteå. *Bot.*

Hallenberg, Dr. G. F., Visby. *Agric. Chem.*
Hallström, Dr. M. F., Falun. *Nat. Hist.*
Hamberg, Dr. Hugo Emanuel, Stockholm. *Meteo.*
Hamberg, Prof. Dr. N. P., Stockholm. *Chem.*
Hammarsten, Prof. Dr. Olof, Upsala. *Physiol. Chem.*
Hamnström, C. O., Hessleholm. *Ent., Bryology.*
Hansson, C. A., Strömstad. *Ichth.*
Hartman, Dr. Carl, Lector, Örebro. *Bot.**
Hartman, Dr. R., Gefle. *Bryology.**
Hedberg, Per Gustaf, Falun. *Ent.*
Hedell, L. E., Upsala. *Zool.*
Hedenius, Per, Prof. an der Universität, Trädgårdsgatan, 8, Upsala. *Pathol., Morbid Anat.**
Hellbom, Dr. P. J., Örebro. *Bot.: Lichens.**
Henning, E., Upsala.
Henschen, Dr. Salomon, Prof. Roy. Univ., Upsala. *Pathol., Anat.*
Hildebrand, Dr. Hans, Dir. Mus., Alterthümer, Stockholm. *Arch.*
Hildebrandsson, Dr. H. Hildebrand, Dir. Meteo. Observatory, Prof. Roy. Univ., Upsala. *Meteo.* Ex. Observations.*
Hildemar, Hildebrand, Karolinska Medico-Kirurgiska Inst., Stockholm. *Physiol.*
Hjelström, Dr. S. A., Lector, Sundsvall. *Meteo.*
Hofgren, Gottfried, Kassör. Hornsgatan, 43, B, Stockholm. *Lepid.* C.
Höglund, Dr. O. M., Stockholm. *Chem., Met.*
Holm, Gerhard, Assistant Keeper of Museum, Upsala. *Geol., Paleo., Min.*
Holmgren, August E., Artillerigatan, 26, Stockholm. *Ent.*
Holmgren, Prof. Frithiof, Upsala. *Physiol.* C.
Holmgren, Prof. Dr. Hjalmar, Polytechnicum, Stockholm. *Mech.*
Holmgren, Prof. Karl Albert, Lund. *Physics.* C.
Holmström, Dr. L. P., Hvilan, Åkarp. *Geol.*
Holst, Dr. Nils Olof, State Geologist, Stockholm. *Geol.*
Hulting, J., Ph.D., Norrköping. *Bot.: Lichens.**
Hultgren, John, Örebro. *Ent.*
Hylten-Cavallius, Gustaf, Erik, Lund. *Bot.: Phanerogams and Cryptogams.* C. Ex.*
Igelström, L. I., Bergskonduktor R.W.O., Sunnemo (Wermland). *Min.* Wishes Swedish minerals.
Ihre, Dr. O. A., Örebro. *Chem., Phys.*
Indebetou, Johan Conrad, Apotheker, Avesta. *Bot., Malacology, Min., Ent., Moll.* C. Ex. Offers salices of Scandinavia for those of other countries.*
Isakson, Charles John Albert, Lec. Polytechnicum, Borås. *Math., Phys.*
Iverus, Dr. J. Edward, D.s. Linköping. *Min., Chem., Zool., Bot., Ostsol.**
Jäderholm, Dr. A. O., Carol. Inst., Stockholm.
Johanson, C. J., Smålands Nation, Upsala. *Bot.* C. Ex.*
Johanson, Dr. Nils Abraham, Rec. Higher School for girls, Gothenburg. *Bot., Math.*
Johansson, Carl Hans, Docent, Westerås. *Ent., Bot.*
Jolin, Dr. Severin, Rörstrandsgatan, 32, Stockholm. *Chem.*
Jönsson, Dr. B., Univ., Lund. *Bot.*
Jonsson, Johan, Skåne. *Ent.*
Julin Dannfelt, Herman, Ph.D., Upsala. *Diatoms., Agric.* C. Ex. Gives slides containing Swedish diatoms in ex. for foreign samples.*
Kahlmeter, T., Upsala. *Phys.*
Karsberg, P. L., Krigskassor, Stockholm. *Mycology.*
Key, Prof. Dr. Axel, Editor des "Nordiskt Medicinskt arkiv," Stockholm. *Pathol., Anat.* C.

Key-Aberg, Algot, Carol. Inst., Stockholm. *Histol.**
Keyser, Dr. Charles John J., Polytechnicum, Norrköping. *Chem.**
Kinberg, Dr. J. G. H., Chir. Mag. Prof., Stockholm. *Zool., Comp. Anat., and Osteol., Archæological Zool., spec. Orn.* C. Ex. N. European and Greenland birds and publications for birds of N. Am.; Scolopacidæ, Anserinæ, Œdemia, and Sterninæ, and publications.
Kindberg, Dr. Nils Konrad, Lektor (Oberlehrer), Linköping. *Bryology, Phanerogams.* C. Ex. Offers mosses of Scandinavia, especially of the Norwegian Alps, for mosses of America.*
Kjellman, Dr. F. R., Roy. Univ., Upsala. *Bot.: Algology, and Arctic Phæn., Flora.* C. Ex. Scandinavian Marine Algæ. Desires esp. Fucoideæ and Chlorophyllophyceæ.*
Kjellstedt, Lars, Lec. Polytechnicum, Borås. *Mech.*
Klercker, Col. C. E., Stockholm. *Phys.*
Knowe, Karl F., Nicolajeo.
Kolmodin, Dr. L., Wisby. *Zool.*
Kolthoff, Gustaf, Upsala. *Orn., Lepid.*
Kolthoff, Johan A., Mellerud. *Ent.*
Kowalski, Marion, Kazan. *Ast.*
Krok, Dr. Jonas, Jönköping. *Nat. Hist.*
Krok, T. O. B. N., Stockholm. *Bot.*
Kurck, Baron C., Smedstorp, Petersborg. *Geol.**
Laestadius, Dr. C. P., Umeå. *Bot.*
Lagerheim, N. G., Stockholm. *Crypt. Bot.: Fungi, Algæ, Desmids, Elect., Ent.: Coleopt.*
Lagerstedt, Dr. Nils Gerhard Wilhelm, Pub. School at Ladugårdslandet, Stockholm. *Bot.: Diatoms.**
Lalin, C. I., Ph.D., Stockholm. *Bot.*
Lamm, O., Stockholm. *Chem.*
Lampa, Sven, Preparator, Drottninggatan, 19, Stockholm. *Coleopt., Lepid.* C. Ex. Offers Swedish Lepidoptera, Coleoptera, and eggs, and wishes Longicorns and Bombyces.
Lang, Prof. Dr. John Robert Tobias, Roy. Univ., Lund. *Chem.*
Larsson, Dr. L. M., Carlstad. *Nat. Hist.*
Leche, Dr. Wilhelm, Lehrer der Zoologie an der Hochschule, Stockholm. *Morphology of Vertebrata.**
Leffler, Prof. Dr. Gustav M., Stockholm. *Math.*
Leffler, Dr. J. A., Gothenburg. *Bot.*
Liedzen, Sven, Polytechnicum, Borås. *Chem., Geol.*
Lilljeborg, Prof. Dr. Wilhelm, Roy. Univ., Upsala. *Zool.*
Lindström, Axel Fr., State Geologist, Geologiska Byrån, Stockholm. *Geol.* C.
Lindström, Prof. Gustaf, Keeper of Palæo. Dept., State Museum, Stockholm. *Palæo., especially Corals, Mollusca and Polyzoa.* C. Ex.*
Lindblad, Dr. Mathias Adolph, Stockholm. *Mycology.*
Lindblad, Wilhelm, Stockholm. *Vert.: Mammals and Birds.*
Lindeberg, C. J., Gothenburg. *Bot.*
Lindgren, E., Dir. Roy. Agric. Acad., Albano, near Stockholm. *Bot.**
Lindgren, Prof. Dr. Hjalmar Ossian, Roy. Univ., Lund. *Anat.*
Lindhagen, Arvid, Acad. of Sci., Stockholm. *Ast.**
Lindhagen, Prof. Dr. Daniel Georges, Sec. Roy. Acad. Sci., Stockholm. *Ast.*
Lindman, C. F., Strengnäs. *Math.*
Linstedt, Dr. And., Lund. *Ast.*
Littorin, S. H., Wara. *Ent.*
Ljungman, Dr. Alex. W., M.P., Lilldal, Orost and Tjörn. *Echinoderms, Fishes, spec. Nat. Hist. of the Herring.**

Ljungström, Ernst, Lund. *Bot.**

Lönnroth, Dr. Knut Johan, Lector, Calmar. *Descriptive Bot.: Phanerogams and Lichens.* C. Ex. Offers Swedish plants, and wishes cultivated plants of North America, especially from the Southern portions.

Lönnberg, Dr. L. Y. L., Norrköping. *Bot.* C. Ex. Offers Swedish phanerogams and mosses for those of North America.

Lovén, Dr. Christian, Prof. und Dir. des physiologischen Laboratorium am Carolinischen Medico-Chirurg. Institut, Stockholm. *Physiol.**

Lovén, Prof. Sven, State Museum, Academy of Sciences, Stockholm. *Zoology: Invertebrates, Echinoderms.* C. of the Museum. Ex. Northern and Arctic marine invertebrates for other invertebrates and echinoderms.

Löwegren, G., Gartendirector, Gothenburg. *Bot., Hort.* C. Ex.*

Lübeck, Henrik G., Karlskrona. *Ent.*

Luhr, A. E., Westerås. *Ent.**

Lundberg, B., Sternum (Skara). *Coleopt., Lepid.*

Lundberg, J. B., Axevalta. **Ent.*

Lundberg, Dr. Rudolf, Inspector of the Freshwater Fisheries of Sweden, Stockholm. *Ichth.*

Lundell, N. P., Stockholm. *Bot.*

Lundgren, Prof. Dr. Sven Anders Bernhard, Roy. Univ., Lund. *Geol., Palæo.*

Lundgren, Dr. W., Upsala. *Physiol.*

Lundin, Axel, Unnaryd. *Ent.*

Lundquist, Prof. Dr. Carl Gustaf, Roy. Univ., Upsala. *Mech.**

Lundquist, P. F., Lund. *Bot.* Desires to exchange genus Rosa.*

Lundström, Dr. Axel Nicolaus, Docent der Botanik, Upsala. *Bot., Salices, Biology.* C. Ex. Offers Salices from Northern Europe, and literature on the same, for that of other countries.

Lüttkens, E., Vorsteher, Chem. Station, Halmstad. *Agric. Chem.*

Lyttkens, August, Dr., Samenkontroll Station, Nydala pr. Halmstad. *Phæn. Bot., Agric.* C. Ex. seeds, plants, and woods.*

Lyttkens, Emil, Halmstad. *Inorg. Chem.**

Lyttkens, Dr. I. A., Norrköping. *Carcinology.*

Malmberg, Capt. Fredrik Solomon, Nautical Meteorological Bureau. Stockholm. *Meteo.**

Malmstedt, Anders Magnus, Linköping. *Phys.*

Malmsten, Dr. Charles John, Prof. Emer., Minister and Province Govnor, Upsala. *Math.*

Mankell, Otto A., Artillerigatan, 18, Stockholm. *Ent.*

Markman, Adolph Frederik, Polytechnicum, Malmö. *Mech.*

Martensson, S., Upsala. *Coleopt.*

Meves, Andreas F. A. J., Grefthureg, 18, Stockholm. *Ent.*

Meves, Wilhelm, Kammakareg, 35, Stockholm. *Orn., Ool., Lepid.* C. Ex. in Ool.

Möller, Dr. A. M., Helsingborg. *Nat. Hist.*

Möller, Carl, Gutsbesitzer, Wadelsbäck, near Stehag (Schonen). *Orn., Ool., Coleopt., Lepid.* C. Ex. Offers first-class specimens of skins, beetles, butterflies, and birds of Sweden for those of North America.

Möller, Prof. Dr. Didrik Magnus Axel, Dir. Obs., Lund. *Ast.**

Möller, Dr. Gustaf Fredrik, Trelleborg. *Ent.: Hymenop.* C. Ex. Wishes North American Ichneumonidæ.

Möller, Dr. Julius, Roy. Univ., Lund. *Math.*

Montelin, C. O. U., Wexiö. *Bot.*

Montelius, Dr. Gustaf Oscar Augustin, Asst. Mus. Antiq., Stockholm. *Arch.**

Mortonson, Anders S., Upsala. *Ent.*
Mortonson, Student, Upsala. *Ent.: Coleopt.*
Mosén, Dr. Hj., Stockholm. *Bot.*
Munktell, H., Falun. *Min., Met.*
Nathorst, Dr. Alfred Gabriel, State Geologist, Geological Survey Office, Stockholm. *Palæo., fossil plants.*
Nauckhoff, Dr. Gustaf, Grubeningeniör, Grängesberg. *Geol., Min.* C. Ex. Scandinavian minerals.
Nauman, Dr. Karl Fredrik, Prof. der Anatomie, emeritus, Lund. *Anat.*
Neander, Dr. N. E., Lund. *Nat. Hist.*
Nerander, Teodor, Karolinska Mediko-Kirurgiska Inst., Stockholm. *Physiol.*
Nerén, Dr. Carl H., Skenninge. *Ent., Gen. Biol., Mic.**
Neuman, Dr. Carl, Skara. *Ent., Acari.* C. Ex. Acari., etc.
Neumann, Dr. L. M., Lund. *Bot.: Phanerogams and Musci.* Ex. Artemisia, Rubia, Agropyrum, Festuca, Potamogeton.
Nilson, Dr. L. F., Prof. Agric. Chem. at the Royal Acad. of Agric., Dir. Inst. of Agric. Chem. and Physiol., Stockholm. *Agric. and Inorg. Chem.**
Nilsson, N. Hjalmar, Bot. Garden, Lund. *Phæn. Bot., Hort.**
Nilsson, Prof. Dr. Sven, Lund. *Arch., Zool.*
Nisser, M., Falum. *Min., Met.*
Norblad, Dr. J. A., Rostrand, Stockholm.
Nordenskiöld, Prof. A. E., Freiherr, Stockholm. *Min.*
Nordenström, G., Prof. der Bergbaukunde an der Bergakademie, Bergskolan, Stockholm. *Mining.**
Nordenström, Dr. H., Linköping. *Medicine, Nat. Hist.*
Nordin, Isidor, Stockholm. *Ent.*
Nordlund, Gustaf Adolf, Prosektor, Upsala. *Anat.*
Nordstedt, Otto, Lund. *Bot.*
Nordström, F. G., Dir. der K. Landwirtsch. Inst., Ultuna, Upsala. *Agric.**
Nordström, Simon, Riddaregatan, 34, Stockholm. *Ent.*
Nordström, Dr. Th., Sala. *Min., Met.*
Nyberg, Ingemar, Mining Engineer, Säfsjö. *Mining and Metallurgy.* (Cobalt and Copper).*
Nylander, Oscar, Dir. der Chem. Station, Skara. *Agric. Chem., Fungi, Hort., Agric., Geol., Phys., Elect., Mic.*
Nyman, C. F., Stockholm. *Bot.*
Oberg, Dr. P., Persberg. *Min., Geol.*
Odenius, Dr. M. V., Lund. *Anat.*
Öhrwall, Dr. Hj., Upsala. *Physiol.*
Olson-Gadde, Dr. Fr., Lund. *Nat. Hist.*
Olsson, P., Ph.D., Norrköping. *Bot., Mosses.*
Olsson, Dr. Peter, Lector, Östersund. *Zool., especially Pisces, Crustacea, Copepoda, and parasitic Vermes.* C.
Pahl, Dr. Carl Nicolas, Umeå. *Phys., Chem.*
Paykull, Dr. S. R., Fabriks Besitzer, Stockholm. *Chem., Min.* C. Ex. minerals.
Petersson, Oscar Victor, M. D., Upsala.
Pettersson, Dr. Otto, Vorstand des Chemischen Laboratoriums der Univ., Stockholm. *Chem., Phys.**
Pfannenstiel, Dr. Ernst, Roy. Univ., Upsala. *Math.*
Pihl, A., Horticultural Soc., Stockholm. *Bot.**
Pontén, Dr. J. O., Strengnäs. *Nat. Hist.*
Porath, Carl O. von., Jönköping. *Ent.*
Post, Dr. Hampus A. von., Upsala, Prof. Agriculturkem, Mem. Acad. Sci. *Fungi, Hort., Geol., Lithol., Geog. Dist., Ent.: Arach.**

Quennerstedt, Prof. D. August Wilhelm, Roy. Univ., Lund. *Zool.*
Rääf, Dr. C. G. S., Carlskrona. *Nat. Hist.*
Rådberg, Dr. K. F., Venersborg. *Math.*
Rasén, H. A., Örebro. *Chem.*
Redelius, Otto Wilhelm, Pfarrer, Mjölby. *Bot.; Ferns, Mosses, Hort.* C. Ex.*
Réhn, G. Chr., Kopparberg. *Met.*
Retzius, Prof. Dr. Magnus Gustav, Roy. Medi-Chi. Inst., Stockholm. *Hist., Antiquity of Man.*
Rogstadius, Dr. A. W. F., Nyköping. *Nat. Hist.*
Rosenberg, Dr. Johan Olof, Prof. Kongl. Tekniska, Högskolan, Stockholm. *Chem.**
Roth, C. D. E., Museum, Lund. *Ent.*
Rubenson, Dr. R., Prof. Acad. Sci., Stockholm. *Meteo.*
Sandahl, Dr. Oskar T., Prof. Royal Med-Chi. Inst., Strangatan, 4, Stockholm. *Ent., Pharm.*
Sahlén, Dr. A. J., Skara. *Nat. Hist.*
Sandström, Dr. J., Upsala. *Anat. Hist.*
Santesson, Dr. Birger, Bergingenieur, Geologiska Byrān, Stockholm. *Geognosy.*
Santesson, Carl G., Prof. of Surgery, Royal Carolin Inst., Stockholm.*
Santesson, Dr. Henry, Stockholm. *Geol.*
Såve, Dr. Gumar, Yönköping. *Chem., Phys.*
Scheutz, Dr. N. J., Wexiö. *Bot., Spec., Roses and Ranunculaceæ.* C. Ex.
Schlyter, Carl Oscar, Landesgerichts-Præsident, Gefle. *Phæn. Bot.* C. Ex.*
Schoultz, Prof. Edw. von, Polytechnicum, Gothenburg. *Phys.*
Schultz, Prof. Dr. Herman, Director Observatory, Upsala. *Ast.**
Setterberg, Dr. Carl, Stockholm. *Chem.*
Sillén, Gefle. *Bryology.*
Sjögreen, Carl M., Hastholmen. *Ent.*
Sjögren, Dr. Carl A. H., M.E., Filipstad. *Min., Invert. Palæo., Geol., Crystal., Lithol.* C. Ex.*
Sjögren, S. A., Hjalmar, Docent, Upsala. *Min., Geol., Crystal.**
Skånberg, Alexander, Nya Elementar Skolan, Stockholm. *Phys., Chem.*
Smitt, Frederick Adam, Prof. Konglige Vetenskaps Academien, Stockholm. *Zoology, Vertebrates (Salmonoids and Cetaceæ).*
Söderblom, Dr. Anders Leonhard Axel, Roy. Univ., Upsala. *Math.*
Söderlund, Dr., Upsala. *Marine Zool.*
Solander, Dr. C. E. I., Hudiksvall. *Phys.*
Spångberg, Dr. Jacob, Lector, Gefle. *Ent.*
Stahre, Ludwig, Apotheker, Stockholm. *Chem., Pharm.*
Stålhammar, Hjalmar, Gothenburg. *Ent.*
Starck, Ernst Manfred, Polytechnicum., Örebro. *Mech.*
Stenberg, Dr. Isak L., Malmö. *Ent.*
Stenberg, Dr. Sten, Prof. Chem. Royal Caroline Medico-Chirurgical Institute, Stockholm. *Physiol., Chem.**
Sterner, Charles Gustav, Polytechnicum, Malmö. *Chem. Geol.*
Steffenburg, Dr. Adalrik, Falun. *Zool.*
Stolpe, Dr. H., Handtverkaregatan, Stockholm. *Ent., Anth.*
Stolpe, Mats., Stockholm. *Geol.*
Strandmark, Dr. P. W., Helsingborg. *Nat. Hist.*
Stridsberg, F. G., Degerforss, Wermland. *Met.*
Ströhm, Svante G. M., Oscarshamm. *Ent.*
Stuxberg, Dr. Anton, Stockholm. *Zool., Myriopoda, Crustacea, Echinodermata.*

Sundström, Dr. C. R., Stockholm. *Vertebrates.**
Svanberg, Prof. Dr. Gustav, Upsala. *Ast.*
Svedmark, Dr. Eugène, Geologische, Landesuntersuchung Schwedens Geologiska Byrån, Stockholm. *Mic.*
Svenonius, Dr. Fredr., Geologiska Byrån, Stockholm. *Geol., Min.**
Svensson, Dr. Nils, Westervik. *Phys., Chem.*
Swederus, M. Bernhard, Ph.D., Stockholm. *Bot.*
Swederus, Dr. Magnus Bernhard, Amanuesis at the Library of the Univ., Upsala. *Zool., Moll., esp. Tunicata.* C. Ex.*
Tamm, Dr. Adolf Wilhelm, Bergs-skolan, Stockholm. *Met., Chem.*
Thalén, Dr. Tobias Robert, Prof. Phys., Roy. Univ., Upsala. *Spectral Anal.*
Thedenius, C. G. H., Tanum. *Bot.: Mosses, Lepid., Coleopt.**
Thedenius, Knut F., 34, Zvarngatan, Stockholm. *Ent., Phæn. Bot.*
Théel, Dr. Hjalmar, Docent Zool., Univ. of Upsala. *Annelida, Polychæta, Gephyrea, Holothuridæ.*
Theorin, Dr. Pehr Gustav E., Falun. *Bot., Zool., Chem.*
Thomson, Dr. Charles Gustav, Roy. Univ., Lund. *Ent.*
Thorburn, Robert M., Uddevalla. *Con.* C. Ex. Offers Post-glacial shells from raised beaches.*
Thorell, Prof. Dr. Tamerlan, Upsala (Present Residence, Museo Civico, Genoa). *Arach.* C.
Thuden, Charles J. A., Halmstad. *Zool., Geol., spec. Rhizopods from Glacial epoch.* C. Ex. Rhizopods from the chalk and other formations. Localities must be accurate.
Tiberg, H. V., M.E., Grafoedispouent, Langbånshyttan. *Min.* C. Ex.*
Tidblom, Rec. Dr. A. V., Polytechnicum, Borås. *Math., Phys., Meteo.*
Tigerstedt, Dr. Robert, Asst. Karolinischen Inst., Stockholm. *Phys.**
Tiselius, Dr. Gustav August, Pub. School of St. Jacobus, Stockholm. *Bot.*
Torell, Dr. O., Director Geol. Surv., Stockholm. *Geol.*
Torin, Dr. K., Skara. *Zool.*
Törnebohm, Dr. Alfred Elis, Lecturer on Min. and Geol., Polytechnicum, Stockholm.*
Törnquist, Dr. Sv. Leonh., Gefle. *Geol., Palæozoic Rocks of Sweden.* C.
Törnsten, Dr. Adolph, Polytechnicum, Norrköping. *Math., Phys.*
Tranberg, Gustaf, Stockholm. *Ent.*
Trybom, Filip, Lund. *Ichth., Ent., Carcinology.* C.*
Trysén, A. O., Luleå. *Mining.*
Tullberg, Dr. S. A., State Geologist, Stockholm. *Geol., Palæo.* Ex. Silurian fossils.*
Tullberg, Tycho, Prosector an der Universität, Upsala. *Zool.*
Ulijkander, Prof., Polytechnicum, Gothenburg.
Ullén, Capt. Fredrik A., Polytechnicum, Gothenburg. *Math.*
Unander, Ferdinand, Storgatan, 29, Stockholm. *Ent.*
Vidman, Oscar, Ph.D., Docent, Upsala. *Chem.*
Virgin, Dr. Charles F., Polytechnicum, Örebro. *Math., Phys.*
Vylder, Gustaf de, Stockholm. *Coleopt., Lepid.*
Wackerbarth, Prof. Dr. Franz, Upsala. *Ast.*
Wåhlander, Dr. Herman Rudolf, Pub. Sch., Hernosand. *Phys., Mat.*
Wahlstedt, Dr. L. J., Christianstad. *Nat. Hist., Characeæ.* C. Fine speciméns of European, especially Swedish Characeæ for Ex.*
Wahrenberg, Dr. E. A., Upsala. *Math., Phys.*
Walmstedt, Prof. Dr. E., Upsala. *Mineral Geol.*

Wallengren, Hans D. J., Pastor Farhult, Högäns. *Lepid., Dipt., Neuropt., Vascular plants.* C. Ex. Offers Swedish Lepidoptera and Phrygansidæ for foreign.
Wallis, Dr. Curt. Carol. Inst., Stockholm. *Pathol., Anat.*
Warming, Dr. Joh., Eng. Bülow, Prof. de botanique à Hr. Univ. de Stockholm, 11, Klara Strandgata, Stockholm.*
Werner, A., Roy. Gardens, Stockholm. *Bot.*
Westberg, C. F., Nutsberg, Nora. *Mining.*
Westerlund, Dr. Carl Agardh, Ronneby. *Malacol., Zool.* C. Ex. First-class specimens, especially Palæo., Arctic Fauna.
Westöö, M. O. A., Wisby. *Bot.*
Wetterdal, G. L., Falun. *Mining.*
Wetterhall, Johan, E. W., Upsala. *Ent.*
Wiborgh, J., Sala. *Mining, Met.*
Wicksell, Dr. K., Upsala. *Math.*
Widman, Dr. Oscar, Roy. Univ., Upsala. *Chem.*
Wijkander, Prof. Dr. August, Dir. Polytechnicum, Gothenburg. *Phys., Meteo., Ast.**
Wikström, Ernest, Edsvalla. *Ent.*
Wilander, H. M., Ingénieur, Handtverkargatan, 31 a. *Min., Geol.* C. Ex. Offers Swedish minerals for those of America.
Wille, N., Stockholm. *Bot.*
Wingvist, K. R., Nykroppa. *Mining, Met.*
Wingdahl, Askersund. *Coleopt.*
Winslow, Dr. A. P., Gothenburg. *Bot.: Rosæ and Salices.* C. Ex. wishes first-class specimens in ex. for Swedish.*
Wiren, A., Cand. phil., Upsala. *Bot., Zool.*
Wiström, Johan A., Hudiksvall. *Ent., Bot.*
Wittrock, Prof. Dr. Veit B., Roy. Acad. Sci., Stockholm. *Bot., Algology, Morphology.**
Wrede, Lieut.-Gen. Baron Fabian J., Stockholm. *Phys.*
Yhlen, Gerhard von, Inspector of the Sea fisheries in Sweden. Gothenburg. *Ichth.*
Zeipel, Dr. Evald Victor E. von, Roy. Univ., Lund. *Math.*
Zetterlund, C. G., Örebro. *Agric. Chem.*

SWITZERLAND.

Abeljanz, Prof. H., Univ., Zürich. *Chem.*
Ador, Prof. E., Geneva. *Chem.*
Aeby, Dr. Chr., Prof. Univ., und Thierarzneischule, Berne. *Histol., Comp. Anat., Zool.*
Amberg, Prof. Bernhard, Lucerne. *Phys.*
Amsler, Prof. Jacob, Schaffhausen. *Phys., Math.*
Anderegg, Prof. Dr., Chur. *Bot.*
Andreä, Fleurier. *Bot.*
Anneler, E., Basel. *Chem.*
Arnet, Prof. Xav., Lucerne. *Math., Phys.*
Asper, Prof. G., Univ., Zürich. *Zool.*
Auldjo, John, 5. Rue des Alpes. Geneva.
Bachmann, Prof. Dr. Isidor, Berne. *Geol.*
Bachmann, J. J., Stettfurt. *Chem.*
Bachmann, Prof. L., Univ., Berne. *Geol., Min., Phys.*
Bader, Pharmacien, Geneva. *Bot.*
Baltzer, Dr. A., Prof. Geol., Hottingen-Zürich.
Barbey, William, Valleyres sous Rances (Vaud). *Bot.* C.*

Barbezat, Paul Emile, Neuchâtel. *Phys.*
Barth, Place neuve, Geneva. *Coleopt.*
Baur, J., Lehrer, Biel. *Math.*
Bazzigher, Lucius, Chur. *Lepid.*
Becker, Dr. Ferd., Basel. *Chem.*
Bedot, Maurice, Geneva. *Zool.*
Bellenot, Gust., Neuchâtel. *Ent.*
Benteli, F., Berne. *Lepid.*
Benteli, R., Berne. *Lepid.*
Bernett, Geneva. *Bot.*
Bernoulli, Dr. Wilhelm, Schrötlingasse, 4, Basel. *Phæn. Bot., Ferns,* C. Ex.*
Bertsch, Prof. Hrch., St. Gall. *Phys. Chem.*
Biaudet, Dr., Bex. *L. and F.W. Shells.* Ex.
Bieler, Avenue Agassiz, Lausanne. *Mic.*
Billwiller, Robert, Zürich, *Meteo.*
Bischoff, Prof. Henri, Lausanne. *Chem.*
Blaser, Dr. C. G. E., Docent, Univ., Berne. *Math.*
Bloesch, Basel. *Coleopt., Lepid.*
Blumer, J. Rudolf, Dir. Cantonal Bank, Herisau.
Boescheusteiu-Faesi, A., Schaffhausen. *Coleopt., Hemipt.* C. Ex.*
Boissier, Edmond, Rue de l'Hotel-de-Ville, 4, Geneva. *Bot.*
Bollinger, J., Basel. *Nat. Hist.*
Bonnet, Marc, Carouge, near Geneva. *Lepid.*
Bonstetten, Aug. von, Ph.D., Berne. *Chem.*
Boos, Prof. Dr. Heinrich, Univ., Basel. *Palæo.*
Böschenstein, Alfred, care of Kühne & Co., Rue de la Fosse aux Ours, Geneva. *Coleopt., Hemipt.*
Boucart, Paul, Geneva. *Coleopt.*
Bourgknecht, L., Pharmacien, Freiburg. *Chem.*
Bouvier, Dr. Louis, Lancy, near Geneva. *Bot.*
Brélaz, Prof. George Louis, Lausanne. *Chem.*
Bridler, Prof., Chur. *Math.*
Brot, Dr., Route de Malagnou, 6, Geneva. *Con., L. and F. W. Shells.*
Brügger, Prof., Chur. *Bot.**
Brun, Al., Geneva. *Min.*
Brun, Prof. J., Univ., Geneva. *Mic.**
Brunner, Apotheker, Diessenhofen, Thurgau. *Ent.*
Brunner, Dr. Heinrich, Prof. de Chimie et Dir. de l'Ecole de Pharmacie à l'Académie, Lausanne. *Chem.* C.
Brünnow, Dr., F.F.E., F.R.A.S., Maison Beauval, Vevay.
Bucherer, Emil, Basel. *Nat. Hist.*
Bugnion, Ch., Lausanne. *Ent.*
Bugnion, Dr. Edouard, Prof. d'Anatomie, 33, Rue de Bourg, Lausanne. *Anat., Pathol., Helminthology, Coleopt.* C.
Bulacher, Karl, Ph.D., Basel. *Chem.*
Bumann, Dr. Max., Freiburg. *Chem.*
Burckhardt, Prof. Dr. Fritz, Münsterplatz, 15, Basel. *Phys., Physiol.**
Burkhardt, Prof. G. A., Laufen, Jura, (Canton Berne.)
Burnat, Emile, Nant-sur-Vevay. *Bot.*
Buser, Robert, Aarau. *Bot.*
Caflisch, L., Chur. *Lepid.*
Calloni, Silvio, Prof. Nat. Hist., Pazallo près Lugano.
Canderay, Jul., Lausanne. *Phys., Elect.*
Cartier, Rob., Oberbuchsiten.
Chaix, Prof. Paul, Geneva. *Phys. Geog.*
Chappuis, F. L. A., Pharmacien, Boudry. *Bot.*
Chappuis, P., Ph.D., Basel. *Phys.*

Chavannes, Rev. Sylvius, Lausanne. *Geol.*
Chevrier, Frédéric, Rentier, Beau-lac, near Nyon (Vaud). *Coleopt., Hymenop.*
Christ, Dr. H., Rue St. Vacques, 5, Basel. *Systematic and Geographical Botany, Entomology.* C. Ex. Rhopaloceres and Zygenidæ of Central Europe.*
Christener, J. Adolf, M.D., Berne. *Geol.*
Christersson, J., Hernösand. *Agric. Chem.*
Ceaz, Joh., Berne. *Phys., Math.*
Colladon, Prof. Daniel, Univ., Geneva. *Phys.*
Corcelle, Ch., 6, Rue de Mont Blanc, Geneva. *Ent.: Lepid., Bot.*
Cornaz, Dr. C. A. E., Neuchâtel.
Cornu, Felix, Basel. *Chem.*
Coulon, Louis de, Neuchâtel. *Orn.*
Cramer, Prof. Dr. C., Dir. Bot. Garden, Polytechnic Sch., Univ., Alderburg, Zürich. *Bot.**
Cuénoud, Prof. Sam., Lausanne. *Math.*
Dapples, Charles, Lausanne. *Phys.*
De Candolle, Dr. Anne C. P., Rue Massot, 11, Geneva. *Bot.*
De Candolle, Prof. Alphonse, L.P.P., Cours St. Pierre, 3, Geneva. *Bot.* C.
Decoppet, Casimir, Lausanne. *Chem.*
Decrue, Prof. David, Geneva. *Phys., Math.*
Delabar, Prof. Gangolf, St. Gall. *Phys., Math.*
Denzier, Prof. W., Univ., Zürich. *Math.*
Deseglise, Alfred, Rue Thalberg, 4, Geneva. *Bot.*
Disor, Prof. Ed., Neuchâtel.
Dobeli, Sam., Rue de Carouge, 17, Geneva. *Coleopt.*
Dodel-Port, Dr. Arnold, Prof. Bot. à l'Université, Zürich. *Bot., Darwinism.*
Dodel-Port, Madame Carolina, Prof. Bot. à l'Université, Zürich. *Bot.*
Doge, François, La Tour-de-Peilz (Vaud). *Palæo., Geol.* C.*
Dor, Dr. Henri, Vevay (Vaud). *European Coleopt.*
Duby, Dr. J. E., Rue de l'Evêche, 5, Geneva. *Bot.*
Duby de Steiger, Dr. Johann S., Geneva. *Bot.*
Ducommun, Prof. J. C., Berne. *Bot.*
Ducret-Dufour, Moudon (Vaud). *Coleopt.*
Dufour, Arthur D., Capitaine, Moudon (Vaud). *Coleopt.* C. Ex.
Dufour, Prof. Charles, Morges. *Phys.*
Dufour, Henri, Prof. de physique à l'Academie, Lausanne. *Phys.**
Dufour, Prof. Louis, Lausanne. *Phys.*
Dunant, Victor, Geneva. *Geol., Min.*
Du Plessis, Dr. G., Montchoisi, near Orbe. *Coleopt.*
Dürr, Prof. Henry, Lausanne. *Chem.*
Egli, Docent, St. Gall. *Ent..*
Eichleiter, Antal, Rohrschach. *Geol.*
Engelmann, Dr. Theod., Apotheker, Basel. *Min., Microscopic preparations, Diatoms, and Foraminifera.* C.
Escher, Dr. J. J., Zürich. *Bot.*
Fankhauser, Lehrer, Berne. *Bot.*
Fasel, Vincent, F.R.A.S, Maison, Turin. *Bex.*
Fatio, Dr. Victor, Rue Massot, 4, Geneva. *Zool., Gen. Biol., Geog. Dist., Vert. Anat., Mam., Orn., Ool., Herpetol., Ichth., Hemipt.* C.*
Favrat, Prof. Louis, Lausanne. *Bot.*
Favre, Alphonse, Correspondent de l'Institut de France, 6 Rue des Granges, Geneva. *Geol.* C.
Favre, Antonin, Freiburg. *Zool.*
Favre, Augustin, Place St. Gervais, 15, Geneva. *Lepid.*

Favre, Emile, Chamoine du Gd. St. Bernard, Martigny-Ville (Valais). *Bot.* C. Offers rare plants of Valais and of the valley of Aosta, particularly Hieracium.
Favre, Ernest, 6, Rue des Granges, Geneva. *Geol.*
Fellenberg, Dr. Edmund von, Berne. *Geol., Min., Chem.*
Fenn, Dr., Schaffhausen. *Coleopt.*
Fischer, Dr. L. von., Prof. Bot., Univ., Berne.
Fischer-Sigwart Apotheker, Zofingen. *Bot., Geol.*
Fol, Prof. Dr. Herm., Geneva. *Emb.*
Forel, Auguste, Prof. Univ., Dir. Heilanstaldt Burghölzli, Zürich. *Biol. of Insects, Anat. of the Brain of Ants, Ants.*
Forel, Dr. F. A., Prof. à l'Academie à Lausanne, Morges. *Anth., Nat. Hist., Geol., Phys.* C.*
Forster, Prof. A., Univ., Berne. *Phys., Meteo.*
Forster, Prof. Dr. E. M., Berne. *Phys.*
Frey, Prof. Dr. Heinrich, Prof. Medical Science, Univ., Zürich, Oberstrasse, 187, Zürich. *Lepid., Histol., Mic.**
Frey, Jakob, Lehrer, Oberehrendingen.
Frey-Gessner, E., Conservateur des Collections Entomologiques, Musée d'Histoire Naturelle, Geneva. *Ent.: especially Swiss Hemipt., Orthoptera, Mellifera, and Chrysides.* C. Ex.
Frölich-Custer, Karl, Oberegg (Appenz).
Gauthier, L., Chateau d'Œx. *Ent.*
Gautier, Prof. Alf., Geneva. *Ast.*
Gautschi, Rue de Bourg, Lausanne. *Optics.*
Geiger, Dr. F., Basel. *Bot.*
Geiser, Prof. K. Frdr., Hottingen-Zürich. *Math.*
Gerber-Baerwart, Armand, Basel. *Chem., Geol., Coleopt.*
Gerber-Keller, J., Basel. *Chem., Geol.*
Gibollet, Victor, Juge en Tribunal, Neuveville (Berne). *Bot.* C.
Gilliéron, Dr. V., Instituteur, Rosengartenweg, 5, Basel. *Geol., Palæo.* C.
Girard, Dr. Ch., Berne. *Emb.*
Girardet, François, Morges. *Bot.*
Girtanner, Dr. A., St. Gall. *Orn.*
Girtanner, Dr. Karl, St. Gall. *Bot.*
Godet, Charles, Neuchâtel. *Ent.*
Godet, Prof. Paul, Neuchâtel. *Coleopt.*
Golaz, Charles, Bex. *Bot.*
Goll, Dr. Fr., Docent, Univ., Zürich. *Pharm.*
Goll-Lubac, Hermann, Con. Zool. and Min. Mus., Ave. de la Gare, Lausanne. *Geol., Min., Mic., Zool., Ichth.* C.*
Goppelsroeder, Dr. Friedrich (Brubachstrasse, 14, Mülhausen in Alsace, Germany), Prof. der Chemie, Basel. *Chem.*
Gouvernon, Victor, Aux Bois (Berne). *Bot.*
Graebe, Prof. Dr. C., Ecole de Chimie, Univ., Geneva. *Chem.*
Graf, Dr. J. H., Docent, Univ., Berne. *Phys., Math.*
Grangier, Prof. L., Freiburg. *Geol.*
Gremli, Vevay. *Bot.*
Grivel, Fréd., Aubonne (Vaud). *Chem.*
Grubenmann, Prof. U., Frauenfeld. *Chem.*
Gruet, Emile, Renan. *Orn., Ent.: Lepid.*
Gruet, Jules, Proprietaire, Renan. *Orn., Ent.* C. Ex. eggs and Chrysalids of Lepidoptera.
Gruner, R., Sigrist, Berne. *Gen. Ent.*
Grüninger, Dr. K., Basel. *Chem.*
Grützner, Prof. P., Univ., Berne. *Physiol.*
Guédat-Frey, Jules, Tramelan-Dessus. *Ent.: Lepid.*

Guillaume, G., Neuchâtel. *Ent.*
Guinet, Auguste, Employé de Commerce, Route de Carouge, 64, Plainpalais, near Geneva. *Bot.: Bryology.* C.*
Gutzwiller-Gongenbach, Prof. A., Basel. *Geol.*
Hagenbach-Birchoff, Dr. Edward, Prof. de l'Université, Basel. *Phys.**
Haemi, Prof., Berne. *Agric.*
Hall, Marshall, Veytaux-Chillon. *Geol., Chem.*
Haller, Dr. G., Privat-docent, Putbus, 222, Berne. *Zool., Bot.* C. Ex.
Hartmann, Prof. F., Thierarzneischule, Berne. *Osteol.*
Heer, Dr. Oswald, Prof. à l'Université et Polytechnicum, Zürich. *Bot., Ent.*
Heer Tschudi, Lausanne. *Coleopt.*
Hegetschweiler, Dr. Charles, Riffersweil (Zürich). *Mosses and Lichens.**
Heim, Albert, Prof. am Schweiferischen Polytechnicum an der Universität, Hottingen-Zürich. *Geol.* C.*
Hemming, Joh. Jul., Privat-docent, Zürich. *Geol.*
Hermann, Prof. L., Univ., Zürich. *Physiol.*
Hess, Prof. Clemens, Frauenfeld. *Phys.*
Hirsch, Prof. Ad., Ph.D., Neuchâtel. *Math., Phys.*
Hofmeister, Prof. Hrch. B., Zürich. *Phys.*
Hofmeister, Prof. J. R., Univ., Zürich. *Phys., Opt., Mag.*
Hoffmann, Edward, Basel. *Chem.*
Hoppe, Prof. I., Univ., Basel. *Pharm., Physiol.*
Horner, Jak., Ph.D., Zürich. *Math.*
Hoseus, F. Hermann, Basel. *Min.* C. Ex., buys or sells.*
Hotz, Dr. Rud., Basel. *Geog.*
Huguenin, Prof. Dr. C. Gust., Riesbach-Zürich. *Ent., Bot.*
Humbert, Dr. Prof. Alois, Onex, near Geneva. *Lepid., Myriapoda.*
Imhof, Emil, Ph.D., Zürich. *Zool.*
Imhoft-Falkner, Basel. *Ent.*
Immermann, Prof. Dr. Hermann, Univ., Basel. *Pathol.*
Ischer, Gottfr., Mett, bei Biel. *Geol.*
Iselin, Hrch., Basel. *Min., Geol.*
Isler, Henri, Ph.D., Lausanne. *Chem., Phys.*
Jaccard, Prof., Locle. *Geol.*
Jaccard, Prof. H., Aigle. *Ent., Bot.*
Jack, Joseph B., Constance. *Crypt. Bot.: Hepaticæ.*
Jacob, B., Fabricant d'horologerie, Corcelles, near Neuchâtel. *Bot.: Phanerogams, Ent.: Coleopt., and Ants.* C. Ex.
Jacquet, Prof., Porrentruy. *Coleopt.*
Jaeggi, Jacob, Polytechnicum, Zürich. *Bot.* C.
Jäggi, Frdr., Berne. *Ent.*
Jeanjaquet, G., Neuchâtel. *Ent.*
Jenner, E., Berne. *Lepid., Coleopt.*
Jenner, J., Cus. Museum., Berne. *Ent.*
Joelin, H., Basel. *Geol.*
Jonquière, Prof. D., Univ., Berne. *Pharm.*
Joos, Dr. Emil, Schaffhausen. *Min.*
Jordan, Et., Pharmacien, Neuchâtel. *Bot.*
Joris, Etienne, Orsières (Valais). *Coleopt.*
Karsten, Dr. C. J. W. Hermann, Prof. der Wiener Universität, Schaffhausen. *Bot.*
Kaufmann, Rob., Reallehrer, Rorschach. *Geol.*
Keller, Dr. Conrad, Docent de Zoologie à l'Université, Zürich. *Comparative Anatomy, Microscopy.* C. Ex. Offers mounted objects, especially of Zoophytes, anatomical preparations, and microscopical invertebrates.

Kenel, Ferdinand, Porrentruy (Berne). *Coleopt.* C. Ex.*
Kenngott, Prof. Dr. Adolph, Univ., Zürich. *Min.**
Killias, Dr. E., Naturforsch Gesell., Chur. *Bot., Ent.**
Kinkelin, Prof. Herm., Ph.D., Basel. *Math.*
Klaye, Dr. J. A., Basel. *Chem.*
Klebs, Prof. E., Univ., Zürich. *Pathol., Pathol. Anat. and Histol.*
Kleiner, Prof. A., Univ., Zürich. *Phys.*
Knecht, Henri, Rosengartenweg, 3, Basel. *Coleopt.*
Kober, Dr. J., Basel. *Zool.*
Koby, Prof. Fréd. Louis, Porrentruy. *Geol.*
Koch, Joh. Rud., Lehrer, Berne. *Math.*
Kohler, Prof. J. Mich., Küssnacht (Zürich).
Kollbrunner, Emil, Frauenfeld. *Geol.*
Kollman, Prof. Dr. J., Basel. *Anat., Emb., Anth.* Desires crania of Indians in ex. for European, especially Switzerland, Embryos of Telosts, Selochians, and Reptiles, well preserved for microscopical dissection.*
König-Christerer, R., Berne. *Coleopt.*
Konrad, Emil, care Hubler & Schaffroth, Burgdorf (Berne). *Gen. Ent.*
Köser, F., Lehrer, Zürich. *Bot.*
Krafft, Prof. Dr. Fr., Prof. Univ., Basel. *Org. Chem.**
Krebs, C. Frd., Lehrer, Gymnasium, Winterthur. *Math., Phys.*
Krieger, W., Botanic Gardens, Basel. *Bot.*
Kübler, J. Jak., Ph.D., Neftenbach. *Mic., Nat. Hist.*
Kümmerlen, Basel. *Chem.*
Kündig, Dr. Theod., Basel. *Chem.*
Kurz, Dr. Emil, Burgdorf. *Phil.*
Labhard, Dr. Hildebrand, Männsdorf, bei Zürich. *Ent.*
Lacroix, Pierre, Rue de Candolle, Geneva. *Coleopt.*
Laffon, Konrad, Schaffhausen.
Landolt, H., Sparenberg, Engstringen (Zürich). *Ent.*
Lang, Prof. Franz, Solothurn. *Geol.*
Langhans, Prof. Th., Univ., Berne. *Pathol. Anat., Parasites.*
La Roche, J., Basel. *Geol.*
Lèonard, Ad., 1, Bourgfelderstrasse, Basel. *Ent.: Lepid.*
Lerch, Dr. Jules, Couvet. *Bot.*
Leresche, L., Rolle. *Bot.*
Leuthner, Dr. Fr., Basel. *Zool.*
Leutwein, Charles, Diemerswyl, near Berne. *Bot.*
Liechty, Prof. Dr. Paul, Aarau. *Phil.*
Liechty, K., Einsiedeln.
Liechty, Louis, Frauenfeld. *Chem.*
Liliencron, C. Frdr. von, Apotheker, Zürich. *Min., Geol.*
Lindt, Dr. W., Berne. *Lepid.*
Loriol, Percival de, Rue des Chanoines, Geneva. *Lepid., Echinoderms, Geol.*
Lossier, Louis, Geneva. *Chem.*
Luchsinger, B., Prof. Univ. und Theirarzneischule, Berne. *Pharm., Toxicol., Physiol., Emb., Histol.*
Lude, Prof. Alexis, Lausanne. *Phys.*
Lunel, Alph., Grand Bureau, 477, Geneva. *Ent.*
Lunel, Godefroy, Dir. du Musée, Bastions, Geneva. *Vert. Mam., Orn., Herpetol., Ichth., Tax.**
Lunge, Prof. Dr. Georg, Polytechnicum, Zürich. *Chem.*
Lüschen, Hermann, Zofingen. *Bot.*
Lusser, Fr. Vital, Ingénieur, Aviolo. *Geol.*
Maillard, Gust., Mus. 2 A., Valentin, Lausanne. *Geol.*
Mallet, Ch., Geneva. *Bot.*

Marguet, Prof. P. Jules, Lausanne. *Phys.*
Marignac, Jean C. G. de, Geneva. *Chem.*
Märki, Charles, Rue Caroline, Carouge. *Coleopt.*
Masson, Mademoiselle Rosine, Lausanne (Vaud). *Bot.* C. Ex. Offers plants of Switzerland, especially Phanerogams and Filices of the Alps.
Matthey, F., Délémont. *Geol.*
Mauler, Eugène, Laboratoire de Microscopie, Travers, Neuchâtel. *Mic., Diatoms, Algæ, Histol.* C. Ex. buys, and sells. Offers microscopic preparations, and wishes algæ and diatoms of the Pacific coast.
Mayer, Prof. Karl, Ph.D., Hottingen-Zürich. *Geol., Palæo.*
Menzel, Prof. Dr. A., Gymnasium, Zürich, Fluntern. *Hymenop.*
Merian, Peter, Prof. à l'Université, Basel. *Geol.*
Merz, Prof. V., Univ., Zürich. *Org. Chem.*
Meyer, Prof. A., Univ., Zürich. *Math.*
Meyer, Dr. Arnold, Horn. *Bot.*
Meyer, Prof. Dr. Carl, Basel. *Phil.*
Meyer, Georg, Geneva. *Coleopt.*
Meyer, Dr. Georg Hermann von, Prof. Anat., Fluntern, bei Zürich. *Vert. Anat., Anth., Eth., Ethnog., Vert., Osteol.**
Meyer, Prof. H. von, Univ., Zürich. *Osteol., Anat.*
Meyer, Leopold, Schaffhausen. *Ent.: Hymenop.**
Meyer, Dr. Richard, Prof. an der Kantonschule, Chur. *Chem.**
Meyer, Prof. Victor, Ph.D., Polytechnicum, Zürich. *Chem.**
Meyer, Dr. W., Observatory, Geneva. *Ast.*
Meyer-Darcis, Georges, Mem. Swiss Ent. Soc. Wohlen, (Argovie). *Bot.: Ferns, Mosses, Lichens, Zool., Ent., Coleopt.* C. Ex. Carabicidæ and Buprestidæ. Desires American ferns for European mosses.*
Meyer-Dür, Burgdorf, Berne. *Ent.: Neuropt.*
Micheli, Marc, Crest-Jussy, near Geneva. *Bot.*
Miescher, Prof. Dr. Friedrich, Sr., Univ., Augustinergasse, 21, Basel. *Pathol. Anat.*
Miescher, Prof. F., Jr., Univ., Basel. *Physiol., Physiol. Chem.*
Miescher-Rürch, Prof. Dr. Fr., Basel. *Zool.*
Möllinger, Prof. Otto, Fluntern-Zürich. *Phys., Math.*
Monnier, Prof. Denis, Geneva. *Chem.*
Montmollin, Aug. de, Neuchâtel. *Geol.*
Morthier, Dr. Paul, Corcelles, near Neuchâtel. *Bot.: Phanerogams and Cryptogams.* C. Ex.
Mösch, K., Ph.D., Dir. d. Zoolog. u. Con. d. Geolog. Sammlungen am Polyt. u. d. Univ., Oberstrass-Zürich.
Mousson, Prof. Alb., Hottingen-Zürich. *Phys.*
Mühlberg, Fritz, Prof. der Kantonschule, Con. des Kantonalen Naturhistorischen Museums, Aarau. *Phæn. Bot.: Ferns, Mosses, Palæo., Strat. Geol., Min., Lithol.* C. Ex.*
Müller, A., 195 a, Junkerstrasse, Berne. *Ent.*
Müller, Prof. Dr. Albert, Prof. Universität, Basel. *Min., Geol.* C.*
Müller, Dr. Fr., Basel. *Zool.*
Müller, H., Zürich. *Bot.*
Müller, Prof. Dr. Johann, Univ., Dir. Bot. Gar., Boulevard des Philosophies, 8, Geneva. *Bot.*
Müsi, Prof. Maur., Freiburg. *Zool.*
Mylius, Adalbert, Basel. *Chem.*
Natural History Society of Basel, Pres. Prof. H. Vöchting, Sec. Dr. A. Riggenbach, Basel.*
Naville, J., Vernier, prés, Geneva. *Chem.*
Nencki, Prof. Dr. M., Univ., Berne.
Nicoud, Louis, Chaux-de-Fonds. *Orn.*

Niederhäusen, Prof. H. von, Berne. *Zool.*
Nitzchner, Botanic Gardens, Geneva. *Bot.*
Niehaus, C., Basel. *Chem.*
Nothrop, Prof. H. E., Inst. Thudicum, Pregny, Geneva.
Nüesch, Prof. Dr. J., Erzichungsrath, Schaffhausen. *Bot., Zool.*
Odier, James, Rue de la Cité, 24, Geneva. *Coleopt.*
Oetli, Prof. Jacq., Lausanne. *Phys.*
Oltramare, Prof. Gabriel, Univ., Geneva.
Ortgies, Ed., Botanic Gardens, Zürich. *Bot.*
Oswald-Hoffmann, Louis, Basel. *Zool.*
Ott, Carl, Lib. Naturforschenden Gesell, Kirchgasse, 31, Zürich. *Phys., Elect., Meteo., Bibliog.**
Parent, François, Rue Montblanc, Geneva. *Lepid.*
Paul, M., Zürich (Aussersihl). *Gen. Ent.*
Perrenoud, Dr. P., Docent, Univ., Berne. *Pharm.*
Perrot, Dr. Adolphe, Geneva. *Chem.*
Perty, Dr. J. A., Maximilian, Prof. Nat. Phil., Zool., Berne.*
Pestalozzi-Hirzel, Pelikan, Zürich. *Lepid.*
Piccard, Prof. Dr. Julius, Bernoullistrasse, 18, Basel. *Chem.*
Pictet, Raoul, Prof. Univ., Geneva. *Phys.*
Pittier, H., Château d'Oex. *Geog. Dist. of Plants.*
Planta, Dr. Ad. von, Reichenau. *Chem., Phys.*
Plessis, Prof. Dr. G. du, Orbe, near Lausanne. *Zool.*
Plüss, Dr. Benj., Basel. *Nat. Hist.*
Plüss, Dr. N., Basel. *Phys., Chem.*
Potter, Place Neuve, 4, Geneva. *Coleopt.*
Privat, Eugène, 18, Chemin du Mail, Geneva. *Bot., Orn.* C. Ex. Wishes to exchange eggs of birds for the eggs of Swiss specimens, or plants of the Swiss Alps.
Probst, Botanic Gardens, Solothurn. *Bot.*
Rambert, Prof. E., Lausanne. *Bot.*
Rapin, Daniel, Route de Carouge, Geneva. *Bot.*
Rätzer, A., Siselen (Berne). *Lepid.*
Rausch, Arthur, Schaffhausen. *Ent.*
Rebstein, Prof. Jakob, Zürich. *Math.*
Renevier, Prof. Eugène, Lausanne. *Geol.*
Rey, Gustave, Prof. de Sciences Naturelles du Collège, Vevay. *Geol.*
Reymond-le-Brun, Gust., Berne. *Zool.*
Rhiner, Joseph, Schwytz. *Philol., Bot.*
Rhyner, Adolf, Chaux-de-Fonds. *Geol.*
Riedmatten, Prof. P. Marie de, Sitten. *Chem.*
Riggenbach, Dr. Albert, Assistent am Bernoullianum (Universitäts Observatory), Sec. Naturforschende Gesellschaft zu Basel, Basel. *Ast., Meteo.**
Riggenbach-Stehlin, F., Freie-Strasse, Basel. *Ent.: Coleopt.*
Ris-Schnell, Frd., Lehrer, Berne. *Math.*
Rive, Lucien de la, Geneva. *Phys.*
Romieux, Henry A., Florissant, near Geneva. *Bot.* C. Ex. Phanerogams, especially Hieracium.*
Rossi, Camille, St. Moritz. *Ent.*
Rossi, Rev. P., Hôpital Grand-St.-Bernard. *Coleopt.*
Roth, Pros. Dr. Moritz, Univ., Basel. *Pathol., Anat.*
Rötheli, Prof. J., Solothurn. *Math.*
Rothenbach, J. Emil, Küssnacht (Zürich). *Bot.*
Rothpletz, August, Ph.D., Zürich. *Geol.*
Rougemont, Henri de, Neuchâtel. *Crustacea.*
Rudin, Joh., Basel. *Nat. Hist., Ast.*
Rutimeyer, Dr. Ludwig, Prof. Comp. Anat., Univ., Rennweg, 2, Basel.

Rütimeyer, Prof. Dr. M., Basel. *Comp. Anat., Geol.*
Salis, Frdr. von, Chur. *Geol.*
Salis, Rob. von, Chur. *Geol.*
Salis, Uliss. Adalbert von, Marschlins. *Bot.*
Sandoz, Pharmacien, St. Imier (Berne). *Bot.*
Sarasin, Edm., Geneva. *Geol.*
Sarasin, Edouard, Geneva. *Phys.*
Saussure, Ferdinand de, Cité, 24, Geneva. *Philol.*
Saussure, Henri de, Naturalist, Cité, 24, Geneva. *Emb. of Vert., Anth., Arch., Ethnog., Mam., Orn., Hymenop., Orthopt., Myriopoda, Crustacea.**
Schacht, Dr., Siders (Wallis). *Coleopt.*
Schaffer, Dr. F., Docent, Univ., Berne. *Chem.*
Schalch, A., Basel. *Geol.*
Schalch, Ferd., Ph.D., Schaffhausen. *Geol.*
Schardt, Hans, Rue de l'Ecole Industrielle, 4, Lausanne. *Paleo., Strat. Geol., Moll.* C. Ex.*
Schärmli, Karl, Thun. *Geol.*
Schenk, Bernh., Eschenz. *Bot.*
Scherrer-Engler, B., St. Gall. *Geog.*
Schiff, Prof. Maurice, Geneva. *Physiol.*
Schiffmann, Lucerne. *Ent.*,
Schindler, Dr., Cus. Ent., Samml., Zürich. *Ent.*
Schindler, Fraulien Anna, Con. Naturalienkabinet, Glarus. *Hemipt., Coleopt.*
Schinz, Prof. Emil., Ph.D., Fluntern-Zürich. *Phys.*
Schläfli, Prof., Ludwig, Berne. *Math.*
Schlatter, Theodor, St. Gall. *Bot.*
Schlesser, Gottl., Lehrer, Interlachen. *Phys.*
Schmid, Walther, Basel. *Coleopt.*
Schmidely, August, Rue Argand, Geneva. *Bot.*
Schmidhauser, Joh., Lehrer, Basel. *Math.*
Schneebeli, Prof. H., Ph.D., Zürich. *Phys.*
Schneider, Gustav, Naturalienhändler, Zoologisches Comptoir, Basel. *Zool.* C. Ex. Wishes Reptiles, Amphibia, fresh-water Fish of United States, for those of Africa, India, and Central America.
Schnetzler, Prof. Jean, Lausanne. *Bot.*
Schoch, Dr. G., Dir. des Coll. Ent. du Musée d'Hist. Nat., Plattenhof Fluntern, Zürich.
Schönholzer, Prof. J. G., Berne. *Math.*
Schröder, Dr. G., Basel. *Phys., Chem.*
Schröter, Dr. Carl, Polytechnicum, Zürich. *Bot.*
Schuetzler, Prof. J. B., Lausanne. *Bot.*
Schulze, Prof. Dr. Ernest, Polytechnicum, Zürich. *Chem.*
Schumacher, H., Berne. *Ent.*
Schwab, Alfred, Berne. *Min.*
Schwarzenbach, Prof. V., Univ., Berne. *Chem.*
Siegfried, H., Zürich. *Bot.*
Seitz, Dr. Johannes, Plattenstrasse, 5, Hottingen-Zürich. *Medicine.**
Severin, A., Botanic Gardens, Berne. *Bot.*
Sidler, Prof. Georg, Berne. *Math., Ast.**
Sidler, W., Rev. P., Einsiedeln. *Phys.*
Sire, Eugène, Chaumont. *Bot.*
Soret, Prof. Charles, Univ., Rue Beauregard, 6, Geneva. *Min., Geol.*
Soret, Louis, Prof. Univ., Rue Beauregard, Geneva.*
Spiess, Charles, Pharmacien, Porrentruy (Berne). *Ent.: Coleopt., Lepid.* C. Ex. insects of Switzerland for those of other countries. Coleopt. especially desired.*

Stadler, Dr. August, Zürich. *Phil.**
Staffel, Andreas, Fürstenau, bei Thusis.
Stähelin-Bischoff, B., Basel. *Ent.: Coleopt.*
Stapff, Dr. Friedrich Moritz, Ingénieur, Geolog. der Gotthardbahn, Airolo. *Practical Geol.**
Stein, C. W., St. Gall. *Geol.*
Sterki, Dr., Mellingen. *Moll.*
Stierlin, W. G., M.D., Schaffhausen. *Ent.*
Stizenberger, Dr. Ernst, Constance. *Bot.*
Stockar-Escher, Kaspar, Hottingen-Zürich. *Geol.*
Stöklin, Em., Freiburg. *Bot.*
Stoll, Otto, Riesbach, bei Zürich. *Ent.*
Studer, Dr., Waldkirch, bei Gossau. *Ent.*
Studer, Prof. Bernhard, Berne. *Moll., Min., Geol.*
Studer, Hch., Kilchberg, Zürich. *Chem.*
Studer, Prof. Th., Dir. Zool. Mus., Univ., Berne. *Zool.: Geog. Dist., Radiates.**
Sulger, Hans, Basel. *Min., Ent.: Coleopt.*
Sulzberger, Prof. Jakob, Frauenfeld. *Bot.*
Suppiger, Jk., Triengen. *Bot.*
Suter, Dr. Prof. Heinr., Aarau. *Math.*
Täschler, Max, St. Fiden, St. Gall. *Lepid., Coleopt.*
Tauber, Dr. E., Docent, Univ., Zürich. *Physiol. Chem.*
Thormann-y. Graffenried, Fr., Berne. *Geol*
Thury, Prof., Univ., Geneva. *Bot.*
Tournier, Henri, Villa Tournier, Peney, near Geneva. *Ent.: Coleopt., Hymenop., Dipt., Hemipt.* C. Ex.
Trächsel, Ph.D., Berne. *Geol.*
Tribolet, Maurice, D.S., Prof. Acad., Neuchâtel. *Palæo., Geol., Min., Crystal., Lithol.**
Tripet, Fritz, Neuchâtel. *Bot.* C. Ex.
Tschudi, Frd. von, Ph.D., St. Gall.
Turenne, Marquis de, (26 Rue de Berri, Paris), Gwatt, near Thoum.
Uhlmann, Dr., Münchenbuchsee (Berne). *Gen Ent.*
Unzeitig, Dr., Docent, Univ., Berne. *Chem.*
Valentin, Prof. Dr. Gabriel G., Univ., Berne.
Venetz, François, Ingénieur, Sitten (Wallis). *Ent.*
Vernon, Antoine, care M. Monnet, La Plaine, near Geneva. *Chem.*
Vilmar, Ch C., Freiburg. *Bot.*
Vionnet, P. L., Etoy (Vaud). *Geol.*
Vittel, Edouard, Yverdon. *Chem.*
Vóchting, Prof. Dr. H., Univ., Basel. *Bot.*
Vogler, Dr. C. Hch., Schaffhausen. *Ent.*
Vogt, Dr. Adolf, Ordentl. Prof. der Hygiene und Sanitäts-Statistik an der Hochschule, Spitalgasse, 178, Berne. *Hygiene, Epidermology.*
Vogt, Prof. Carl, Geneva. *Geol.*
Volz, Dr. Fd., Interlachen. *Bot.*
Vouga, Cortaillod. *Orn.*
Walner, Maison Guédin, Geneva. *Lepid.*
Wartmann, Dr. B., St. Gall. *Bot.*
Wartmann, Prof. E., Geneva. *Phys.*
Wattenwyl, von, Berne (Stadt). *Coleopt., Lepid.*
Wattenwyl-von-Montbenay, Frd. von, Berne. *Geol.*
Weber, Prof. A., Univ., Zürich. *Analyt. Chem.*
Weber, Prof. H. F., Zürich. *Phys.*
Weber, Prof. Dr. Robert, Neuchâtel. *Phys.*
Wegelin, H., Birschofszell, Schweitz. *Bot.*
Weilenmann, Dr. A., Univ., Zürich. *Phys.*

Wild, Dr. C. Balth., St. Gall. *Palæo.*
Winter, Georg, Ph.D., Docent, Hottingen, bei Zürich. *Mosses, Fungi, Lichens, Algæ, Desmids, Diatoms.* C. Ex.*
Witte, Dr. L. de, Basel. *Bot.*
Wirz, Prof. Dr. Heinrich, Zürich. *Phil.*
Wolf, Prof. Ferd. Otto, Près de la Murithienne, Soc. de Bot. du Valais. Pion. (Valais). *Bot.* C. Offers rare plants of Valais and Aosta, especially of the valley of the Cogsne.
Wolf, Prof. Otto, Sitten. *Bot.*
Wolf, Rudolf, Prof. und Dir. der Sternwarte, Zürich.*
Wolfensberger, R., Riessbach, bei Zürich. *Ent., Diatoms.*
Wolter, Observatory, Zürich. *Ast.*
Wuilleret, Lieut.-Col. Henri, Freiburg. *Chem.*
Wullschlegel, J., Lenzburg. *Ent., Bot.*
Wurstemberger, Dr., Docent, Univ., Berne. *Phys.*
Wurstemberger, Arnold R. C. de, Dr. Nat. Hist., Neuchâtel. *Geol., Min., Chem., Phys., Elect., Mic., Photog., Meteo., Ast.* C. Ex.*
Würth, Dr., Chur. *Geol.*
Wyss, Dr. H. von, Docent, Univ., Zürich. *Pharm.*
Yung, Dr. Emile, Geneva. *Zool.*
Zaggi-Meyer, I., Zürich. *Bot.*
Ziegler, Dr. James M., Basel. *Geog., Geol.*
Zimmerman, E., Notaire, Vrège (Valais). *Ent.: Coleopt.*
Zimmermann, Ern., Visp. *Bot.*
Zollikofer, Casp., Marbach (St. Gall). *Bot.*
Zollikofer, G. J., St. Gall. *Meteo.*
Zschokke, Fritz, Aarau. *Zool.*

TURKEY (IN EUROPE).

Beszédes, Kálmán, Constantinople. *Geol.*
Hoyland, C. W., Constantinople.
Lacoine, Emile, Civil Engineer, Constantinople. *Phys.*
Paspati, Dr., Constantinople.

ASIA.

CEYLON.

Ferguson, W., F.L.S., Colombo. *Bot., Herpetol.*
Mackwood, Frank M., M.L.C., Colombo. *Ent.: Lepid.* Ex. Offers India species, and wishes perfect specimens, 2 males and 2 females of each species of Diurnal Lepidoptera.
Nock, W., Supt. Gardens, Hakgala. *Bot.: Ferns.*
Phear, Sir John Budd, M.A., Chief Justice of the Supreme Court of Ceylon, Colombo.
Roosmalecoeq, Andrew Henry, Ceylon Civil Service, Colombo.
Thwaites, G. H. K., Ph.D., Peradeniya. *Bot.*
Trimen, H. M. B., F.L.S., Dir. Royal Botanic Gardens, Peradeniya. *Bot.*

CHINA.

Bretschneider, Dr. Emile, Attaché à la Légation Imp. de Russie, Pekin. *Bot.*
Carrall, James W., Office of Customs, Tientsin.
Collin de Plancy, V., Pekin. *Herpetol.*
Ford, Charles, Supt. Botanic Gardens, Hong Kong. *Bot.*
Girinon, Garde d'Artillerie, Saigon, Cochin China. *Coleopt.* C. Ex.
Hance, Dr. Henry F., H.B.M. Vice-Consul, Whampoa. *Bot.: Chinese flora.*
Heude (Rev. Père), Zika-wei, near Shanghai. *Zool., Bot.* Ex.*
Holdsworth, Edward, Shanghai. *Ent.*
Hungerford, Dr., H.B.M. Army, Hong Kong. *Moll.*
Little, Louis L., F.R.A.S., Shanghai.
Michie, A., Shanghai.
Mollendorf, Dr. O. F. von, Vice-Consul Imperial German Consulate, Hong Kong. *Zool., L. and F. W. Shells.* C. Ex. Offers Chinese Molluska, and wishes L. and F. W. shells of other countries.
Palmer, Maj. H.S., F.R.A.S., Govt. House, Hong Kong.
Sampson, Theophilus, Schoolmaster, Canton. *Bot.* C.
Stevens, Capt. G. R., F.R.A.S., Hong Kong.

CYPRUS.

Euclide, Dr., Leucosia.

INDIAN EMPIRE.

Aitchison, J. E. T., M.D., Surg.-Maj., Agra, N.W. Province. *Bot.*
Anderson, John, M.D., F.R.S., Superintendent Indian Museum, Calcutta. *Vertebrates.**
Andy, Senjee P., M.D., Madras.
Archer, Samuel, M.D., Surgeon-Major, Singapore. *Con.*
Atkinson, Darjeeling (at present Calcutta). *Lepid.*
Barker, Robert Arnold, M.D., Bograh (Bengal).
Bellen, H. W., Bombay.
Bettington, Albemarle, M.R.A.S., of the Bombay Civil Service, Bombay.

Biddulph, John, Capt. 19th Hussars, Gilgit (Cashmere). *Orn.*
Bidie, S. G., Gov. Central Mus., Madras. *Zool.*
Blanford, H. F., F.R.S., Meteorological Office, Calcutta. *Phys., Geol., Meteo.**
Bombay Museum, Byculla (Bombay).
Bose, P. N., B.Sc. Lond., Geological Survey Office, Calcutta.
Brace, L., Cur. Herbarium, R. Bot. Garden, Seebpore, near Calcutta. *Bot.*
Brown, Capt. Alexander Burton, R.A., F.R.A.S., Fort Canning, Singapore.
Calvert, John, M. Inst. C.E., Kulu (Punjâb).
Cameron, J., F.L.S., Supt. Govt. Garden, Bangalore. *Bot.*
Cammiade, Gilbert Henry, Madras.
Cantley, N., Supt. Botanic Gardens, Singapore. *Bot.*
Carrington, R. C., F.R.A.S., Indian Marine Survey, Calcutta.
Cattell, W., Surgeon 10th Hussars, Raoul, Pindu, Simla (Punjâb).
Chambers, Charles, Colâba Observatory, Bombay.*
Clarke, Col. Sir Andrew, Calcutta.
Cline, G. W., LL.D., The Currency Office, Fort St. George, Madras.
Cole, Capt. H. H., Simla (Punjâb). *Architecture and Archaeology.*
Cole, W. H., M.A., F.R.A.S., Dehra.
Coles-Hardinge, J. J., Honorary Secretary Phayre Museum, Rangoon (Burmah).
Cooke, Samuel, M.A., Assoc. M. Inst. C.E., Professor of Chemistry and Geology in the College of Science, Poona (Bombay).*
Cooke, Theodore, LL.D., M.A., Principal of the Civil Engineering College, Poona (Bombay).
Dique, W. F., Royfettale, Madras. *Tax. and Gen. Nat. Hist.*
Drummond, Capt. Henry, Bengal Army, Bengal.
Duthie, J. F., B.A., F.L.S., Superintendent Govt. Botanical Garden, Saharanpur (N.W. Prov.). *Bot.**
Dymock, Dr., Govt. Med. Storekeeper, Bombay. *Materia Medica.*
Eatwell, W. T. B., M.D., Surgeon Bengal Army, Oriental Club (Bengal).
Eliot, John, M.A., Meteo. Reporter to Govt. Bengal, Calcutta.
Fedden, Francis, Geological Survey of India, care of Messrs. Grindlay, Groom & Co., Bombay (4 Hillside, Cotham, near Bristol, Eng.).
Fischer, Robert, Madura, Madras. *Anth.*
Fleet, J. F., Bombay Covenanted Civil Service, care of Messrs. G. R. Purio & Son, Elphinstone Circle, Bombay. *Arch., Indian Epigraphy.**
Foote, R. B., Geological Survey of India, care of Messrs. Arbuthnot & Co., Madras.
Foulkes, Rev. T., Chaplain Madras Army, Bangalore, Madras.
Fraser, O. H., Assistant to the Superintendent, Indian Museum, Calcutta. *Vertebrates.*
Fuller, I. B., Sec. to Govt. Agric. Commission, Central Provinces. *Agric.*
Furnell, Michael Cudmore, M.D., F.R.C.S., Madras. *Gen. Biol., Anth., Eth., Discoverer of Anæsthetic Effects of Chloroform.**
Gay, E., F.R.A.S., Calcutta.
Government Central Museum, G. Bidie, M.B., Surgeon-Maj., Superintendent, Madras. *Phæn. Bot., Zool., Anth., Eth., Mam., Orn., Lepid., Coleopt.* C. in Mus. Ex.*
Grey, Dr. W., First Physician, Sir J. Jeejebhoy Hospital, Bombay. *Bot.*
Griesbach, C. L., Geological Survey of India, Geological Survey Office, Calcutta.
Grigg, H. B., Spring Gardens, Madras. *Anth.*
Harrison, A. S., F.R.A.S., Muir College, Allahabad.

Hederstedt, H. B., F.R.G.S., Lucknow.
Hennessey, John B., M.A., Great Trigonometrical Survey of India.
Hill, Dallus, Ahmedabad, Guzerat.
Hope, C. W., C.E., care of Messrs. Gillanders, Arbuthnot & Co. *Ferns.*
Hungerford, Richard, Surgeon-Major, Rangoon, Burmah. *Con.*
Indian Museum, C. H. Dreyer, Librarian, Calcutta. *Vert., Invert., Eth.**
Jack, Alexander, Capt. Bengal Native Infantry, Bengal.
Kaye, Ernest St. G., Jessore, Bengal. *Ent.*
Kincaid, Col. W., Sehore, Central India. *Hort., Geol., Anth., Arch., Eth.**
King, G. F. L. S., Dir. R. Bot. Garden, Seebpore, near Calcutta. *Bot.*
Kuratchee Museum, Kurratchee.
Lackersteen, M. H., M.D., Surg. H. M. Bengal Army, Bengal.
Lang, Col. Arthur M., Chief Engineer, Rangoon, Burmah. *Ent.: Lepid.* C. Ex. only in India and Malay.*
Lawder, A. W., C.E. Rohilkund and Kumaon Railway, Naini Tal, N.W. Province.*
Leith, Edward Tyrrell, Barrister-at-Law, High Court, Bombay. *Anth.*
Lisboa, Dr. J. C., Girgaum, Bombay. *Bot.*
Logan, D., Penang (Straits Settlements). *Anth.*
Logan, J. R., Singapore.
Lyall, Sir Alfred, K.C.B., Lieut.-Gov., Allahabad. *Anth., Philol.*
Lynn, Edwin, Hyderabad, Deccan (Bengal). *Anth.*
Mallet, F. R., Geological Survey of India, Geological Survey Office, Calcutta. *Geol. Min.**
Mann, Gustav, Conservator of Forests, Shillong, Khasi Hills, Assam. *Bot. and Forestry.**
Marshall, Capt. G. F. L., R.E., Assistant Secretary to the Government of India, Simla (Punjâb). *Orn., Lepid.* (*Rhopalocera*).
Medlicott, Henry Benedict, M.A., F.R.S., Director of the Geological Survey of India, Geological Survey Office, Calcutta.
Mills, J. M. C., Madras.
Mirza, Mehdy Khan, Chudder Ghout, Hyderabad (Deccan).
Mootoosawmy, P. S., F.L.S., Tanjore, Madras. *Bot., Plant Palæo., Zool., Emb., Anat.**
Mysore Provincial Museum, Bangalore.
Nevill, G., Assistant to the Superintendent, Indian Museum, Calcutta. *Mollusca.*
Nicholas, G. J., Trekenning House, Oude.
Noble, B., Phayre Mus., Rangoon, Burmah. *Mam., Orn., Tax., Gen. Ent.,* In charge of collection of Museum.*
Nurisinga, Row., A.V., F.R.A.S., Daba Gardens, Vizagatapam.
Oldfield, Richard C., care Messrs. Kettlewell & Bullen, Calcutta.
Olpherts, Wybrandts G., East Indian Railway Company, Calcutta.
Oppert, Dr. Gustav, Madras.
Ouchterlony, J., Lieut. Madras Engineers, Madras.
Parsick, Edmund A., Kolhapore, Poona (Bombay).
Pedley, Dr., Supt. Museum, Rangoon. *Tax.*
Pogson, Norman, F.R.A.S., Dir. Obs., Madras.
Poole, Major M. C., Sandoway (Burmanh).
Pringle, E. H., F.R.A.S., Mangalore, South Canara.
Rivett-Carnac, J. H., C.I.E., F.S.A., Bengal Civil Service, Allahabad (Bengal). *Anth., Arch., Eth., Ethnog., Philol.* C. Will ex. Indian stone implements.*
Rogers, Alexander, Bombay Civil Service, Revenue Commissioner, Northern Division, Bombay.
Rothney, G. A. J., Calcutta.

Saise, Walter, D.Sc., F.C.S., Kurhurballee Collieries, E.I. Railway, Giridi (Bengal, via Bombay).
Scott, Douglas A., Lieut. R. E., Roorkee (N.W. Prov.).
Schwender, L., Government Electrician, Telegraph Department, Calcutta. *Telegraphy.*
Scott, Dr. David, Umballah (Punjâb).
Sealy, Alfred Forbes, M.A., Cochin, S. India. *Orn., Ent.**
Smithe, J. Doyle, Government Commissioner, Madhapoor (Punjâb), (care of Messrs. King & Co., 65 Cornhill, London, E.C., Eng.).
Sorabyee, Khan Bahadur Bomanjee, Assoc., M.I.C.E., Civil Lines, Poona.*
Sowerby, William, Bombay.
Syed, Ali, B.A., H.H., The Nizam's Revenue Survey, Aurangabad (Deccan).
Sylvester, John Henry, Bombay.
Temple, Capt. R. G., B.S.C., Mussoorie, N.W. Prov. *Indian Folk-lore.*
Tennant, James F., The Mint, Calcutta.
Theobald, Albert G. R., M.A.A.A.S., N.S.A.T., Forest Department, Collegal., Coimbotore, Madras. *Nat. Hist.: Mammals, Birds, Reptiles, Insects, Fishes, etc.* C.
Theobold, William, Deputy Superintendent Geological Survey of India, Geological Survey Office, Calcutta; also, Lime House, Oundle, Northamptonshire, England. *L. and F. W. Shells, Reptiles, and coins of India.*
Theobold, Wm., Jr., Rangoon (Burmah).
Trevaudreccee Museum and Public Gardens, Travancore.
Vyse, Griffin W., Assoc. M. Inst. C.E., Executive Engineer, P.W.D. Multân (Punjâb).
Waldie, David, Barnagore Chemical Works, 3½ Hastings St., Calcutta. *Chem.*
Walker, Maj. Gen., F.R.S., Surveyor Gen. of India, Calcutta.
Waller, John E. H., C.E., Rohilkund and Kumaon Railway, Naini Tal., N. W. Province.
Waterhouse, Maj. James, Surveyor-Gen.'s Office, Calcutta.
Whitty, I. J., M. Inst. C.E., Kurhurballee Collieries, E.I. Railway, Giridi (Bengal, via Bombay).
Wilson, William H., Ph.D., F.C.S., Professor of Physical Sciences, in the Presidency College, Madras.
Wood-Mason, James, Prof. Comp. Anat., Medical Coll., Deputy Indian Museum, Calcutta. *Gen. Biol., Invert. Anat., Articulates, Lepid., Orthopt., Arach., Crustacea.* C. Ex.
Woodrow, George Marshall, Superintendent Botanical Gardens, Ganesh Khind Poonah (Bombay). *Bot.* C. Ex. Offers specimens of Indian plants for those of other countries.*
Wynne, Arthur Beavor, Geological Survey of India, Punjâb.
Yule, J. H., Lieut. 11th Reg't, Poona (Bombay). *Orn.*

JAPAN.

Atkinson, Prof. Robert W., B.Sc., Univ., Tokio. *Chem.*
Berson, Prof. Gustav F., Univ., Tokio. *Phys., Mech.*
Bisset, James, F.L.S., Yokohama. *Bot.**
Brauns, Prof. David, Ph.D., M.D., Univ., Tokio. *Geol., Min., Palæo.*
Custance, Prof. J. D., Tokio. *Min.*
Dybowski, Prof. Alexandre, Univ., Tokio. *Phys.*
Eldridge, Stuart, A.M., M.D., Ph.D., Yokohama.

Ewing, James Alfred, B.Sc., F.R.S.F., Prof. Mech. Eng., University of Tokio, Tokio.
Fukuda, Riosaku, 52 Ichibaucho, Tokio. *Chem.* C.
Fujesawa, Chikara, University of Tokio, Tokio. *Phys.*
Hida, Mitsuzo, 8, Imayawakoji Ichiome, Tokio. *Chem.*
Hikorokuro, Joshida, Rigakushi, Fellow Chem. Soc., Chemist to Geol. Surv., Tokio. *Agric., Geol., Min., Lithol., Chem., Phys.**
Hotta, Reutaro, University of Tokio, Tokio. *Met.*
Imai, Prof. Iwawo, Univ., Tokio. *Met.*
Ishido, Toyota, Tokio-Daigaku. *Chem.*
Ishikawa, Chiyomatsu, Tokio Univ., Tokio. *Zool., Emb.* C. Lepidoptera and Coleoptera.*
Ishikawa, Iwao, Hiogo. *Chem.*
Ishimatsu, Sadamu, Fukuoka. *Chem.*
Isone, Tokusaburo, Fukuoka. *Chem.*
Ito, Prof. Keisuke, F.R.S., Prof. Bot., Univ., Tokio, 14, Masagochio, Hongo, Tokio. *Gen. Bot., Zool.**
Ito, Shinrokuro, Rigakushi, Shitabaiko Kamiichi, Mito, Ibarakiken. *Chem., Agric.*
Iwakawa, Tomotaro, Normal School, Tokio. *Zool., Emb.*
Iwata, Nakazwa, 13, Tuskudo, Hachimanche, Tokio. *Chem.*
Jacobs, Frederic, Yokohama.
Janibana, Kakusaburo, University of Tokio, Tokio. *Chem.*
Kaku, Hika, Koiskikowa Botanic Garden, Tokio. *Bot.*
Katayama, Yempei, Agric. and Com. Dept., Komaba. *Physics.**
Kawano, Shachio, Kumanoto. *Mining.*
Kikuchi, Dairoku, M.A., B.A., Prof. Tokio University, Tokio. *Math.*
Kitamura, Yataro, Rigakushi, 42, Chitosecho, Hongo, Tokio. *Chem., Chem. Geol.**
Kobayashi, Kiochi, Tokio. *Chem.*
Kochibe, Tadatsugu, Nagasaki. *Geol.*
Koga, Prof. Moritaro, Univ., Tokio. *Phys.*
Koga, Yoshimasa, Shizuoka. *Chem.*
Koma, R., care of Japanese Post Office, Yokohama.
Kotô, Bunjiro, Shimane. *Geol.*
Kuhara, Mitsuru, Okayama. *Chem.*
Masuda, Reisaku, B.Sc., University of Tokio, Tokio. *Engineering.*
Matsubara, Shinnosuke, 106, Mikumicho St., Zushima, Tokio. *Zool.*
Matsui, Naokichi, Ph.D., University of Tokio, Tokio. *Chem.*
Matsumoto, Osamu, 5, Sarugakucho, Tokio. *Chem.*
Mendenhall, Prof. Thomas C., Ph.D., Univ., Tokio. *Phys.*
Milne, Prof. John, Imperial College of Engineering, Tokio, Yokohama.
Miyazaki, Michimasa, University of Tokio, Tokio. *Chem.*
Moriya, Monoshiro (R.G.), Okayama. *Chem.**
Nakamura, Kiohei, Rigakushi, 54, Tahara, Mikawa, Aichikew, present residence, Nagasaki Shihan-Gakko. *Phys., Math.*
Nakazawa, Iwata, Ishikawa. *Chem.*
Namba, Masashi, Okayama. *Phys.*
Nerika, Kizo, Komaba Agricultural College. *Zool.*
Netto, Prof. Curt., Univ., Tokio. *Min., Met.*
Nishi, Matsujiro, University of Tokio, Tokio. *Geol., Mining.*
Nobutani, Teiji, Tokio. *Phys.*
Okins, Tadao, University of Tokio, Tokio. *Engineering.*
Okoda, Ichizo, Kawosaki Zoheikioku, Ozaka. *Mining.*
Ota, Kuejizo, Chingakko, Shidsnoka. *Chem.*
Paul, H. M., University of Tokio, Tokio.*
Potter, Frederick Antony, B.Sc., Nagasaki. (Also, 88 Tower Hill, London, E.C.)

Pryer, H. J. S., Yokohama.
Sakurai, Fusaki, Ishikawa. *Phys.*
Sakurai, Jioji, F.C.S., University of Tokio, Tokio. *Chem.*
Sameshima, Susumu, Niigata. *Phys.*
Sasaki, Chiujiro, University of Tokio, Tokio. *Emb., Zool.*
Satow, Dr. E., British Legation, Tokio. *Bot.*
Sembon, Yoshitaka, Tokio. *Phys.*
Sugiura, S., F.C.S., University of Tokio, Tokio. *Chem.*
Takanose, Munenori, Shiga. *Phys.*
Takasu, Rokuro, Tokio. *Chem.*
Takamatsu, Toyokichi, Tokio. *Chem.*
Takayama, Jintaro, 9, Tamuramachi, Shiba, Tokio. *Chem.*
Takeo, Masanobo, Komaba Agricultural College. *Chem.*
Tanaka, Yoshiwo, 9, Imagawakoji Ichiome, Tokio. *Nat. Hist.**
Tauiguchi, Noosada, B.Sc., University of Tokio, Tokio. *Engineering.*
Terao, Hisashi, Fukuoka. *Phys.*
Tokutaro, Ito, 14, Masagochio St., Hongo, Tokio. *Bot.: Jap. Ranunculaceæ, Mosses, Lichens, Zool., Ichth., Ent. of Japan.**
Toyota, Shiuye, Hiroshima. *Phys.*
Uno, Tadahiro, Shizuoka. *Chem.*
Utsunomiga, Saburo, 10, Fujimichiogochome, Tokio. *Chem.*
Wada, Yuji, Fukushima. *Phys.*
Watanabe, Jiunichiro, Komaba Agricultural College. *Chem.*
Watanabe, Watarn, R.G., Ass't Prof. of Mining in University, Tokio, Daigaku, Tokio. C. (For three years will be in Freiburg, Germany.) *Mining and Met.*
Watanabe, Yeijiro, Nagasaki. *Chem.*
Watanabe, Yuzuru, Sakai. *Chem.*
Yamagawa, Kenjiro, Ph.B., Prof. of Physics, University of Tokio. *Phys.*
Yamaguchi, Hauroku, University of Tokio, Tokio. *Engineering.*
Yamaoka, Prof. Giro, Univ., Tokio. *Chem.*
Yamasahita, Denkichi, Saitama. *Geol.*
Yatabe, Mumekichi, Akita. *Phys.*
Yatabe, Prof. Riokichi, B.Sc., Univ., Tokio. *Bot.*
Yoshida, Hikorokuro, Hiroshima. *Chem.*

TURKEY (IN ASIA).

Lewis, Dr. Edwin R., A.M., Prof. Chem. and Geol. Syrian Protestant College, Beyrout (Syria). *Fossils and Fossil fish of the Lebanon.* C. Ex. first-class specimens.
McCraith, Dr. J., Smyrna.
Peyron, J., Beyrout. *Bot.* C.
Porter, Prof. Harvey, M.A., Beyrout. *Bot.: Compositæ, Arch.*
Post, Dr. George E., Prof. Syrian Protestant College, Beyrout, Syria. *Bot.* C. Would like to sell sets.*
Taylor, J. G., Erzeroum.
Van Dyck, Dr. C. V. A., Beyrout, Syria. *Ast., Meteo.**
Van Dyck, Dr. William T., Lecturer on Zool., Syrian Protestant Coll., Sec. Oriental Scietific Assoc., Beyrout, Syria. *Zool., Gen. Biol., Vert. Anat., Mam., Orn., Osteol. Histol. of Vert.* C. Ex.*
Zohrab, Dr., Brousa.

AFRICA.

ALGERIA.

Battandier, Prof. A., Med. Sch. Hospital of Mustapha, Algiers. *Ent.*
Bourlier, Prof. Dr. A., 6, Boulevard de la République, Algiers.
Bourlier, Prof. Dr. Charles, Algiers.
Bruch, Prof. Dr. Edmond, Algiers.
Chairy, Prof. Charles, Lyceum, Algiers. *Phys.*
Codet, Dr. Henri, Sebdou (Oran). *Coleopt.*
Debeaux, Dr. O., Military Hospital, Oran. *Bot., Con.* C. Ex. plants and living shells from all parts of the world.*
Dunando, Prof. Gaëtan, Rue René-Caillé, 4, Algiers. *Bot.*
Feuillet, Prof. Emile, Bibliothécaire du Gouvernment General, Rue Micheles, 40, Mustapha (Algiers). *Bibliog., Anth., Eth., Philol.**
Godefrin, School of Sciences, Algiers. *Bot.*
Guillemin, Prof., Rampe Vallée, 18, Algiers.
Hagenmuller, Dr., Bône. *Bot.*
Hanonne, Gabriel, Algiers. *Chem., Nat. Hist.*
Hemon, Adrien, Prof. au Lycée, Passage Ruennais, Constantine. *Coleopt., L. and F. W. Shells.* C. Ex. Offers Coleoptera and Mollusks of Algeria for those from all parts of the world, excepting of Europe.
Lallemant, Ch., Arba, Algiers. *Ent.: Coleopt.*
Lamey, Adolphe, Rue d'Isly, 4, Algiers. *Coleopt.*
Lejeune, L. P. D., St. Eugène of Algiers. *Coleopt.*
Montillot, Anatole-Louis, Rue de la Lyre, 48, Algiers. *Coleopt.*
Olivier, G., Bône. *Coleopt.*
Oudry, Capt., Biskra. *Zool.*
Panisset, Dr. Alfred, Arzeu (Oran).
Papier-Marengo, Alex., Prés. d'Académie d'Hippone, Bône. *Geol., Min., Palæo.* C. Ex.*
Pomel, Auguste, Directeur de l'Ecole supérieure des sciences, professeur de Géologie, Rue Rovigo, 104, Algiers. *Geol., Palæo., Bot.* C. Ex. Offers cretaceous and tertiary fossils, and wishes Paleozoic and Triassic fossils.
Pomel, Dir. School of Sciences, Algiers. *Bot.*
Ramel, Prosper, Naturalist, Algiers.
Reboud, Dr., Constantine. *Bot.*
Richard, E., El Biar, near Algiers. *Coleopt.*
Rivière, Ch., Dir. Gardens Hamma, Algiers. *Bot.*
Schmitt, Algiers. *Bot.*
Sorbier, Prof. Jules, Lyceum, Algiers. *Phys.*
Stepham, Prof. Dr. E., Rue Rovigo, 18, Algiers.
Texier, Dr. Louis, Algiers.
Thevenet, Prof. Antoine, Lyceum, Rue de la Lyre, 40, Algiers. *Math.*
Trabut, Prof. Dr. Louis, Med. Sch. Cité Bisch, 52, Algiers. *Nat. Hist., Bot.*
Trollier, Prof. Dr., Rue Lamoricière, 1, Algiers.
Warion, Dr. Camille, Oran. *Coleopt.*
Vieusse, Dr., Military Hospital, Tlemcem.
Viguier, Prof. Dr., Algiers.*
Vollot, Prof., Lyceum, Algiers. *Math.*

ANGOLA.

Brand, George, M.A., Her Majesty's Consul, Angola, W. Africa.

CANARY ISLANDS.

Bello y Espinosa, Dr. Domingo, San Cristòbal of Laguna (Teneriffe).
Bethencourt y Alfonso, Juan, Plaza de la Constitucion, 2, Santa de Teneriffe (Teneriffe).
Hildebrand, Dr. H., Orotava. *Bot.*
Maffiote La-Roche, Miguel, Plaza del Hospital del Rey, Santa Cruz de Teneriffe (Teneriffe).
Masferrer, Ramon, Santa Cruz de Teneriffe (Teneriffe). *Bot.*
Perez, Dr. V., Laguna (Teneriffe).
Rodriguez Nuñez, Eduardo, C. de San José, 35, Santa Cruz de Teneriffe (Teneriffe).
Rodriguez y Perez, Felipe, C. de Jesús Nazareno, 28, Santa Cruz de Teneriffe (Teneriffe). *Malacol.*
Wildpret, Orotava. *Bot.*

CAPE COLONY.

Amphlett, G. T., Standard Bank, Port Elizabeth. *Ent.*
Appel, Ph.D. (Send by London, Livingstone Congo Society). *Ast., Geog.*
Atherstone, William Guybon, M.D., M.R.C.S., Grahamstown.
Bairstow, S. D., F.L.S., P.O. Box 204 (repeat letter if no reply), Port Elizabeth. *Hymenop., Coleopt.**
Barber, Mrs. M. E., George Town. *Ent.*
Bolus, Harry, Cape Town. *Bot.*
Brady, Diocesan College, Rondebosch, Cape Town. *Coleopt.*
Bright, H. E. R., Cape Town.
Buchanan, Rev. John, Lovedale, near Alice. *Bot.*
Danekelman, Alexander von, Ph.D. (send by Futern, Afric. Assoc.), Vivi Station. *Meteo.*
Eddie, L. A., F.R.A.S., Oatlands, Grahamstown. *Ast.*
Finlay, W. H., Royal Obs., Cape Town. *Ast.*
Gill, David, H.M. Astronomer, Royal Obs., Cape of Good Hope.
Goodger, Arthur, St. Andrew's College, Grahamstown.
Harford, Henry C., Cape Colony. *Ent.*
Hertzog, William Frederick, Cape of Good Hope.
Johnson, M., Supt. Botanic Gardens, Cape Town. *Bot.*
Kilgour, G., F.R.G.S., Dutoitspan, Kimberley, Griqualand, West.
MacLea, J. H., Botanic Gardens, Graaf Reinet. *Bot.*
MacOwan, Peter, Prof. Bot., South African Coll., Dir. Bot. Gar., Cape Town. *Phæn. Bot., Fungi.**
Morgan, Conwy Lloyd, Diocesan College, Rondebosch, Cape Town.
Oakley, Herbt., South African Museum, Cape Town. *Orn., Ent.*
Oats, Francis, F.G.S., Kimberley, Diamond Fields.*
Orpen, F. H. S., F.R.G.S., Surveyor General, Griqualand West. *Hort., Agric., Geol., Chem., Elect., Meteo., Ast., Mic., Photog., Geog. Dist., Anth., Arch., Eth., Ethnog., Tax.**
Peringuey, L., South African Coll., Cape Town. *Coleopt.*
Pinchin, Robert, Assoc. M. Inst. C.E., Government Surveyor, Port Elizabeth.
Pives, H. W., S. African Museum, Cape Town. *Ent., Zool.*

Rous, Slowman, P.O. Box 200, Port Elizabeth. *Coleopt., Moll.* C. Ex.*
Share, Com. J. M., F.R.A.S., Cape Town.
Shaw, Prof. John, Ph.D., M.A., South African College, Cape Town. *Bot.: Cryptogams.*
Sims, A., M.D. (send by London, Livingstone Congo Society). *Zool., Bot., Meteo.*
Tidmarsh, Ed., Botanic Gardens, Grahamstown. *Bot.*
Trimen, Roland, South African Museum, Cape Town. *Ent.: Lepid.*
Tyson, William, Kokstad, Griqualand East. *Bot.* C. Ex. only South African plants.*
Watson, J., F.R.G.S., Cape Town.
Wilson, Port Elizabeth. *Bot.*

CONGO.

Duparquet, LeP., Landana, Congo.
Techuel, Dr. Loesche, Stanley Pool (send by Futern. Afric. Assoc). *Geog., Ast., Meteo., Geol.*

COMORO ISLES.

Marie, Edouard Auguste, Commissaire adjoint de la Marine, Officier d'Académie, Chevalier de la Légion d'Honneur, Ordonnateur, Mayotte. *Con., Bryol.* C. Living shells. Ex. Offers shells of New Caledonia, shells and Mosses of Nossibé, near Madagascar, and of Mayotte.

EGYPT.

Bilharz, Dr. T., Cairo.
Gaillardot, Dr. C., Dir. Medical School, Cairo. *Bot.*
Gastinel-Bey, Dir. Botanic Gardens Hospital, Cairo. *Bot.*
Letourneux, A., Alexandria. *Bot.*
Mustapha, Ibrahim, Alexandria. *Chem.*
Planta, Alexandria. *Bot.*
Schweinfurth, Prof. Dr. George August, Cairo. *Bot.* C. Ex. African Flora.

FERNANDO PO.

M'Cormack, J., Fernando Po.

GABOON.

Soyaux, Herman, care Consul E. Schulze, Sibange Farm, Moonda River, near Gaboon. *Bot., Hort., Tropical Agric., Meteo., Anth., Eth., Ethnog., Ent.* C. Desires useful grains for tropical climate, and can return same.*

GAMBIA.

Sherwood, Dr. W. H., Bathurst, Gambia.

MAURITIUS.

Capeyron, A. Leonce, Port Louis. *Con.* C.
Daruty, T. M. B. Albert, Superintendent of Museum of Botanical Gardens, Sec. of Royal Soc. of Arts and Sciences, and of Soc. of Acclimation, Port Louis. *Natural Sciences and Biology, Botany and Zoology.* C. Ex.
Horne, J., Dir. Bot. Gardens, Port Louis. *Bot.*
Meldrum, Charles, M.A., Port Louis.
Owen, Lieut.-Col. John Fletcher, Port Louis.
Powell, Lewis, M.D., Civil Medical Service, Port Louis.
Robillard, V. de, Port Louis. *Bot., Palæo., Zool., Emb., Mam., Orn., Ichth., Gen. Ent., Moll., Radiates, Sponges, Protozoa, Infusoria.* C. Will sell spec.*

NATAL.

Bainbridge, John, Jr., Klip Kraal, Ladysmith.
Behreno, Carl, F.R.A.S., Durban.
Callaway, Rev. H., Springvale.
Keit, Supt. Bot. Gar., Durban. *Bot.*
Markwick, E. L., F.R.A.S., Ordnance Dept., Pieter Maritzburg.
Perrin, James, Pieter Maritzburg.
Ridley, William, Natal Government Railways, Durban.
Sutherland, Dr. P. C., Surveyor General, Port Natal.
Wathen, G. Henry, Natal.
Wood, J. Medley, Supt. Natal Bot. Gar., Durban. *Bot.: Ferns, Fungi.**

REUNION ISLAND.

Cordemoy, Jacob B., St. Denis. *Bot.*
Richard, Dir. Bot. Gar., St. Denis. *Bot.*

SAINT HELENA.

Ianisch, H. R., F.R.A.S., Governor of St. Helena. *Ast.*

SENEGAL.

Thibeaudeau, St. Louis. *Con., Herpetol.*

SIERRA LEONE.

Rosenbusch, T. A., Freetown.

TRIPOLI.

Blanche, J., Tripoli. *Bot.* C.

YORUBA.

Mills, Henry, Abbeokuta (Egba).

ZANZIBAR.

Kirk, Dr. John, C.M.G., H.M. Consul-Gen. and Political Agent, Zanzibar. *Bot.*

OCEANICA.

AUSTRALIA.

NEW SOUTH WALES.

Barkas Dr. W. J., Warealda. *Physiol., Medicine, Palæo.*
Bennett, G., M.D., Sydney.
Bensusan, S. L., Exchange, Pitt St., Sydney.
Brazier, John, C.M.Z.S., Curaçoa House, 82 Windmill St., and Australian Museum, College St., Sydney. *Con., Eth., Numis.* C.*
Brooks, I., F.R.A.S., Woollahra, Sydney. *Ast.*
Campbell, Frederick Alexander, C.E., Tamworth. *Strength of materials, timber in particular.*
Clemesha, R., Redfern, Sydney. *Lepid.* C.
Cox, James, M.D., Hunter St., Sydney. *Con.*
Cracknell, E. C., Supt. of Telegraphs, George St., Sydney.
Dixon, W. A., F.C.S., Chemical Laboratory, School of Arts, Sydney.
Fairfax, James R., Herald Office, Hunter St., Sydney.
Fischer, C. F., M.D., Macquarie St., Sydney. *Zool., Bot.*
Garran, Andrew, LL.D., Herald Office, Hunter St., Sydney.
Glasgow, S., Sydney.
Haswell, W. H., M.A., Australian Museum, Sydney. *Zool.*
Hewitt, Thos., Observatory, Sydney. *Mic.*
Hirst, George D., 379 George St., Sydney. *Mic.* C. Ex. good slides of Australian diatoms for others.
Holroyd, Arthur T., Sydney.
Hunt, Robert, The Mint, Sydney.
James, John William, care of Mr. F. Smith, 13 Queen's Pl., Sydney.
Jennings, William E., Sydney.
Jones, P. Sydney, M.D., College St., Sydney.*
Josephson, Joshua Frey, Sydney.
Kyngdon, Francis B., Orient Brewery, Sydney. *Mic., Agric.**
Kindersley, S. W., 10 Bridge St., Sydney. *Geol.*
Laure, Louis T., M.D., 131 Castlereagh St., Sydney.
Leibius, A., Ph.D., M.A., F.C.S., F.I.C., Royal Mint, Sydney. *Inorg. Chem., Met.**
Liversidge, Archibald, F.R.S., F.C.S., Prof. of Chemistry and Mineralogy in the University of Sydney, Sydney. *Chem., Min.* C. Ex. minerals.*
MacDonald, W. J., F.R.A.S., Bank of N.S. Wales, Sydney. *Ast.*
Mackenzie, John, F.G.S., Government Examiner of Coal Fields, Newcastle. *Min. Geol.* C. Ex. Offers coal, Cannel coal, Boghead mineral, tin, galena, copper, and other ores ; also, fossil flora and fauna, for similar specimens from the Northern States.
Macleay, The Hon. William, F.L.S., Elizabeth Bay, Sydney. *Ichth., Ent., especially Coleopt.*
Marshall, Henry, Angaston. *Evolution, Mining, and Min.* C. Ex. minerals and connected ores, Quartz crystals especially.
Masters, George, Richmond Villa, Elizabeth Bay, Sydney. *Orn.*
Medsay, Hon. William, Elizabeth Bay, Sydney. *Zool.*
Moore, C., F.L.S., Botanic Gardens, Sydney. *Bot., Hort.*
Moore, W. Gosling, Sydney.

Morell, G. A., C.E. and Architect, Office, 156 Pitt St., Sydney. *Engineering, Sanitary Science, and Architecture.* C. Ex. tin and ores (lode and steam) from New England (N.S.W.) tin mines.
Pedley, Perceval R., 48 Wymard Sq., Sydney. *Mic., Polyzoa.* C. Ex. raw material of marine Polyzoa.
Ramsey, Edward, College St., Sydney.
Roberts Alfred, Bridge St., Sydney.
Rolleston, Christopher, C.M.G., Univ., Sydney.*
Russell, Henry Chamberlain, Government Astronomer, Sydney Observatory, Sydney. *Ast., Meteo.*
Scott, Rev. Wm., Bungendove, Sydney.
Smith, Hon. John, Prof. Phys. and Chem., Univ., 193 Macquarie St., Sydney.
Stephen, Evelyn A. H., Sydney. *Psychometry.*
Stephen, George M., Five Docks, Sydney. *Min., Psychol.* C. Will ex. small spec. of Rubies, Sapphires, and Spinels of Ceylon and Australia for choice spec. of U. S. minerals.*
Stephens, W. J., M.A., Prof. Nat. Hist., Univ., Sydney.
Swan, J., New Town, Sydney.
Tebbutt, John, F.R.A.S., Observatory, Windsor.*
Tenison-Woods, Rev. S. E., Union Club, Sydney. *Bot., Palæo., Strat. Geol., Bibliog., Zool., Ichth., Moll., Radiates.**
Thorpe, J. A., Shirley, Glenmore Road, Sydney. *Orn.*
Travers, S. Smith, New Town, Sydney.
Wilkinson, Charles S., Government Geologist, Sydney.
Woolls, Rev. W., Ph.D., Richmond. *Australian Bot.*
Wright, Dr. Horatio George A., M.R.C.S., L.S.A., 2 Carlton Terrace, Wynyard Sq., Sydney. *Mic.**

SOUTH AUSTRALIA.

Adamson, D. B., Angas St., Adelaide.
Bednall, W. T., Adelaide. *Con.*
Blackburn, Rev. Thomas, Port Lincoln. *Ent., especially of Sandwich Islands.* C. Ex.*
Brown, John Ednie, F.L.S., Conservator of Forests, Government offices, Adelaide. *Forest Culture.* Desires correspondence upon this subject.
Chalwin, Thos., St. John St., South Terrace, Adelaide.
Cloud, Thomas C., Wallaroo Smelting Works, Wallaroo. *Chem. Geol., Min.**
Crawford, Fraser Smith, Photolithographer, Surveyor-Gen. Office, Adelaide. *Insects and Fungi injurious to food plants.* Ex. Mic. specimens, wishes correspondence.
Fletcher, Rev. W. R., North Terrace, Kent Town, Adelaide.
Goyder, G. W., Survey, Gen. Govt. offices, Adelaide.*
Guest, Edward, Balhamah. *Coleopt., Lepid.*
Gunson, Dr. J. M., Kent Terrace, Norwood, Adelaide.
Haacke, J. W., Ph.D., Cur. Museum, Adelaide. *Zool.*
Hosking, J., Brown St., Adelaide.
Lamb, Prof. Horace, Univ. of Adelaide, Adelaide.
Magarey, Dr. Sylvanus James, North Terrace, Adelaide. *Medicine and Conchology.* C. Ex. S. Australian shells in exchange for those of other countries.
Miethke, Rudolf, Victor Harbor. *Birds' Eggs, Coleopt.*
Mohan, John H., Archer St., North Adelaide. *Hort.*
Neumann, T. C., Wallaroo. *Min.*
Rutt, Walter, C.E., Engineer-in-Chief's Office, Adelaide.

Schomburgk, Dr. R., Botanic Gardens, Adelaide. *Bot., Hort.*
Smeaton, T. D., Bank of S. Australia, Adelaide. *Mic.*
Tate, Ralph, Prof. of Nat. Science, Adelaide. *Con., Tertiary Palæo., Bot.* C. Ex. Wishes minerals and tertiary fossils; those suitable for lecture illustrations preferred.
Tepper, J. G. Otto, F.L.S., Adelaide, care of Messrs. E. S. Wigg & Son, Booksellers, Adelaide. *Geol., Bot., Ent.* C. Ex. plants and insects in special cases.*
Todd, Chas., Postmaster Gen., Obs. and Sup't Tel. Observatory, Adelaide.

QUEENSLAND.

Bancroft, Joseph, M.D., Brisbane. *Diseases of Plants.*
Bailey, Frederick Manson, F.L.S., Queensland Museum, Brisbane. *Bot.*
Bernays, Lewis Adolphus, F.L.S., F.R.G.S., House of Parliament, Brisbane. *Economic Bot.*
Cockle, Sir James, Brisbane.
De Vis, C. W., Queensland Museum, Brisbane. Ex.*
Gray, Rev. W., Townsville, North Queensland. *Elect.*
Gregory, Augustus C., Survey Gen., Brisbane.
Gulliver, T. A., Telegraph Office, Townsville, North Queensland. *Orn.*
Hartmann, C. H., F.R.H.S., M.B.V., (Berlin), Toowoomba. *Bot. and Pomology.* C. Ex. Offers Australian and many varieties for those of America and Europe, and sells Fern impressions. *Phæn. and Crypt. Bot.**
Jack, Robert Logan, Gov't Geologist to Queensland, Townsville, North Queensland. *Palæo., Geol.* C. Ex. especially silver and lead ores.*
Mar, I., Gov't. Analyst, Brisbane. *Chem.*
McConnel, David C., Cressbrook, Ipswich. *Geol., Mic., Moll.* C.*
Miskin, W. H., Brisbane. *Lepid.: Exotic Diurnal Sphinghidæ, Uranidæ, Saturnidæ.* C. Ex.*
Plant, C. F., F.R.A.S., Townsville, North Queensland.
Ringrose, R. C., Town Hall, Brisbane. *Geol., Min.*
Scortechini, The Rev. Benedict, LL.B., F.L.S., Logan Village. *Phæn. Bot.: Ferns, Mosses, Fungi, Lichens.**
Staiger, K. T. S., F.L.S., Brisbane. *Analyt. Chem.*
Steiger, J., Edmund St., South Brisbane. *Geol.*
Tregaskis, R., Charters Towers. *Min.*

VICTORIA.

Allen, Harry B., M.D., Univ., Melbourne. *Anat., Pathol.*
Allman, W. D., Lennox St., Richmond.
Bailey J. F., 191 Swanston St., Melbourne. *Palæo., Mic., Moll.* C. Desires to ex. Australian fossils and shells, esp. Cypræa.*
Barnard, W. H., School of Mines, Ballarat.
Barton, Robert, Royal Mint, Melbourne.
Bear, Naturaliste Preparateur, 46 Park St., East Emerald Hill, Melbourne. *Mam., Orn.*
Blackett, C. R., Gertrude St., Fitzroy, Melbourne. *Chem.*
Bosisto, Joseph, Chemist, Richmond, Melbourne. *Chem.*
Bride, Dr. T. F., Lib., Pub. Lib., Melbourne.
Browning, J. H., M.D., Brunswick St., Fitzroy, Melbourne. *Phys., Physiol.*
Challen, Peter R., Electric Telegraph Office, Melbourne.
Clarke, James, Royal Society, Melbourne.
Clarson, W., F.L.S., Melbourne, and 70 Pitt St., Sydney, N.S.W. *Bot., Hort., Mic.**

Coles, Alfred, Taxidermist, High St., Kyneton, and 9 Sydney Buildings, Flinders St. East, Melbourne, *Zool., Tax.* C. Ex.*
Curtis, Robert, Sec. Pub. Lib., Melbourne.
Duerdin, James, Eltham Pl., Stephen St.
Edwards, J. E., 37 Erskine St., Hotham.
Ellery, R. L. J., Government Astronomer, Observatory, Melbourne. *Ast.*
Feignagle, C. G., Melbourne.
Flude, Assayer, School of Mines, Ballarat. *Chem.*
Foord, Geo., Alma Road, Royal Mint, St. Kilda, Melbourne. *Chem.*
Fowler, Thomas Walker, C.E., Melbourne University, Associate Royal Society of Victoria, Cannban, Hawthorne, Melbourne. *Civil Engineering, Physics.* Railway Engineering.
Gibbons, Sydney, Faraday House, East Melbourne. *Analyt. Chem., Mic.*
Grut, Percival de Jersey, English, Scottish, and Australian chartered Bank, Melbourne. *Political Economy.*
Guilfoyle, William R., F.L.S., Director of the Botanic Gardens. *Bot. and Landscape Gardening.* C. Ex. Wishes herbarium and vegetable products of any kind for a Museum of Economic Botany now being established in the Gardens.
Halford, George B., M.D., Prof. Physiol., Univ., Melbourne.
Halley, Rev. J. J., Williamstown.
Hayter, Henry Heylyn, Government Statist of Victoria, Melbourne. *Statistical Research.* Statistical publications of Australia in exchange for similar works respecting other countries.
Heinecke, F. W., Harkaway, Berwick. *Chem.*
Holmes, W. E., Tel. Eng. Office, Railway Dept., Spencer St., Melbourne.
Howden, J. M., Messrs. Lyell & Gowan's, 46 Elizabeth St., Melbourne.
Howitt, Alfred William, F.G.S., Warden of the Goldfields of Gippsland, Sale, Gippsland. *Geol. and Anth.* C. Ex. Igneous and Metamorphic rocks.*
Johnson, William, Government Analytical Chemist, Melbourne. *Chem.*
Joseph, R. E., 17 Swanston St.
Kernot, W. C., M.A., C.E., Melbourne University. *Civil Engineering and Physics.*
Kershaw, William, Univ., Melbourne. *Bot.*
Kirkland, John Booth, Chem., Met., and Physiol. Laboratories, Univ., Melbourne. *Phys., Chem.*
Kirkland, John Drummond, M.B., Ch.B., Medical School, Prof. University, Melbourne. *Chem., Met.**
M'Coy, Frederick, F.R.S., Prof. Nat. Sci., Univ., Dir. Nat. Mus., Melbourne. *Geol.*
McGillivray, Dr. P. H., Sandhurst. *Mic., Polyzoa.*
McGowan, Samuel Walker, Telegraphic Engineer, Chief Inspector of Telegraphs and Postal Service, Melbourne. *Elect. and Magnetism as applied to Telegraphic processes.**
Maciver, R. W. E., 27 Queen St., Melbourne. *Min.*
Maclean, C. W., Harbor Trust, Melbourne. *Engineering.*
Maplestone, Charles M., Portland. *Mic., Polyzoa, Palates of Mollusca.* C. Ex. Offers named species of Polyzoa, and wishes the same or named American Diatoms.
Moerlin, Carl, Obs., Melbourne. *Ast.*
Moffat, W. T., Romsey. *Mic.*
Morris, David, Wilson St., S. Brighton.
Mott, George, Murray River, Hamilton.
Mueller, Baron Fred von, M.D., Ph.D., K.C.M.G., Melbourne. *Bot., Geog., Chem.*

Murray, Reginald A. F., Mining and Geological Surveyor, Department of Mines, Government Offices, Melbourne. *General Field Geology, Auriferous deposits.*
Nevins, A. E., F.R.A.S., Mercantile Marine Service, Melbourne.
Newbery, Cosmo, Technological Museum, Melbourne. *Chem.*
Nicholas, Williams, Mining Department, Melbourne.
Oddie, James, Pres. School of Mines, Ballarat.
Patching, H. S., 110 York St., W., Emerald Hill, Melbourne.
Pirani, F. J., Univ., Melbourne.
Rawlinson, Thomas, Granite Terrace, Fitzroy.
Rosales, Henry, Walhalla, Gippsland.
Scourfield, R., Messrs. Scourfield & Coultas, Swanston St., Melbourne.
Smibert, George, Technological Museum, Public Lib., Melbourne.
Smith, Prof. Mica, School of Mines, Ballarat. *Chem., Phys.*
Smyth, R., Brough, F. L. S., Office of Mines, Queen St., Melbourne.
Stephen, George Milner, Melbourne.
Stirling, James, Land Office, District Survey Office, Omeo. *Bot., Geol., and Meteo. of Australian Alps.* C. Ex.*
Stitt, J. G. B., 142 Latrobe St., Melbourne. *Mn.*
Sutherland, Alex., M.A., Carlton Coll., Royal Park, Melbourne. *Inorg. Chem., Phys.**
Taylor, Norman, Tech. Museum.
Taylor, Mrs., Benny Hill, Camperdown.
Thureau, G. A. H., 14 Victoria Chambers, Sandhurst.
Turner, Joseph, Observatory, Melbourne. *Ast.*
Verdon, Sir George F., Melbourne.
White, E. J., Obs., Melbourne. *Meteo.*
Wilson, Sir Samuel, Oakleigh Hall, East St. Kilda, Melbourne.

BORNEO.

Becher, H. M., The Borneo Company, Saráwak.
Gray, H. M., The Borneo Company, Kuching Saráwak.
Houghton, A. R.
Houghton, Dr. E. P., Saráwak.
Posewitz, Dr. Tivader. *Geol.*

FIJI ISLANDS.

Gräffe, care Museum Godefroy, Hamburg, Germany. *Gen. Ent.*

JAVA.

Binnendÿk, S., Bot. Gar., Buitenzorg *Bot.*
Burck, Dr. W., Adj.-Dir., Bot. Gar., Buitenzorg. *Bot.*
Gogh, J. van, Vice-Admiral Royal Navy, Batavia.*
Ludeking, Dr. E. W. A., Batavia.
Maier, P. J., Batavia.
Mertens, Dr. K. H., Batavia. *Chem.*
Moens, J. C. Bernelot, Dir. Govt. Cinchona Plantations, Bandong. *Bot.*
Nooten, Dr. J. C. C. W., Buitenzorg. *Bot.*
Ploem, Dr. Sindanglaia.
Renesse, Dr. J. J. van, Batavia. *Chem.*
Sluiter, Dr. C. Ph., Prof. Nat. Hist., Gymnasium Willem III., Meester Cornelis, Batavia. *Invert. Anat., Worms, Radiates.**
Stok, Dr. van der, Dir. Meteo. Obs., Batavia. *Meteo.*

Treub, Dr. M., Dir. Bot. Gar., Buitenzorg. *Bot.*
Treysmann, J. E., Buitenzorg. *Bot.*
Verbeek, R. D. M., Padang. *Min.*
Waitz, Dr. F. A. C., Batavia.

NEW CALEDONIA.

Fabre, Pilote-Major, Nouméa. *Con.*
Layard, Edgar Leopold, C.M.G., F.Z.S., H.B.M Consul, Nouméa. *Orn. of N. Caledonia and N. Hebrides, L. and F. W. Shells, Ferns.* C. Ex. Offers L. and F. W. shells and ferns from many countries, especially from N. Caledonia; wishes shells in *triplicate* where possible.*
Le Dentu, Commissaire de la Division Navale, Nouméa. *Con.*
Montrouzier, R. P., Nouméa. *Con., Ent., Bot.*
Rossiter, R. C., Nouméa. *Mollusks.**
Savés, Théophile, Nouméa. *Con., Ent., Orn.* L. and F. W. shells, and insects. Would like to sell.

NEW ZEALAND.

Barclay, H. V., F.R.A.S., Wanganui.
Barkas, Fred., F.C.S., Science Associate of Durham Univ., Lecturer on Chem., Canterbury Coll. School of Agric., Lincoln. *Agric., Chem.**
Bickerton, A. W., Christ Church, Canterbury. *Chem.*
Brown, Capt. Thos., M.E.S., Lake Takapuna, Auckland. *Ent.* C. Ex. Offers New Zealand insects for S. American Coleoptera.
Brewer, H. M., Wanganui, near Wellington. *Fish Culture.*
Buchanan, John, Botanist to Geological Survey, Museum, Wellington.*
Buller, Walter Lawry, C.M.G., D.Sc., F.R.S., F.L.S., Wellington. *Orn.**
Campbell, W. D., Assoc. M. Inst. C.E., London St., Ponsonby, Auckland.
Cheeseman, T. F., Cur. Museum, Auckland. *Bot.**
Cox, Samuel Herbert, F.C.S., F.G.S., Assistant Geologist and Inspector of Mines for the Colony of New Zealand, Colonial Museum, Wellington. *Geol. and Mine Engineering.*
Craig, Eric, Princes St., Auckland. *Bot.: Ferns.* C. Ex. New Zealand ferns for foreign or seaweed.*
Curl, S. M., M.D., F.L.S., Greatford Rangitikei, Wellington. *Specially interested in anything connected with medical science, Economic Bot., and Acclimatization.* Desires seeds of economic value in ex.*
Dobson, Arthur Dudley, F.G.S., Civil Engineer, South British Chambers, Hereford St., Christ Church. *Geol.*
Drew, S. H., Wanganui. *Palæo., Ool.* Ex. N.Z. Tertiary Fossils and birds' skins for any objects of Biol.*
Duigan, James, F.G.S., Wanganui.
Dutton, Rev. D., F.R.A.S., Sydney St., Wellington.
Enys, John Davies, F.L.S., Trelissick, Canterbury.
Fereday, Richard William, Member of the Entomological Society of London, England, Christ Church, Canterbury. *Ent.: Lepid.* C.
Fraser, Rev. Charles, M.A., F.G.S., Christ Church, Canterbury.
Haast, Julius von, Ph.D., F.R.S., F.L.S., Director of the Canterbury Museum, Christ Church, Canterbury. *Zool., Palæo.*
Hector, James, M.D., C.M.G., F.R.S., Dir. of the Geological Survey of N. Zealand, Curator of the N.Z. Museum, Naturalist, Wellington. *Geol.* C. Ex. Wishes casts of fossil Cetaceæ in exchange; also, Rhoetic fossils for the museum, for those of any branch.

Helms, Richard, Greymouth. *Coleopt.* Collects and sells.
Hutton, Frederick Wollaston, F.G.S., Prof. Biology, Canterbury College, Christ Church, Canterbury. *Moll., Strat. and Phys. Geol.**
Kirk, Thomas, F.L.S., Christ Church, Agric. Coll., Canterbury. *Bot.*
Kitchener, Arthur B., F.G.S., Royal School of Mines, London. The Grange, Waihemo, Otago. *Mining Engineer, Geol. of Otago.* C.
Lambert, S. J., F.R.A.S., Auckland.
Mair, Capt. G., F.L.S., Officer in charge of Native Affairs, Tauranga.
Mair, Robert, Wharyarei, Auckland. *Bot.*
Mair, Major W. G., Auckland. *Bot.*
Mantell, Walter Baldock Durrant, Wellington. *Geol.**
Martin, Josiah, Model Training School, Auckland.
Maskel, W. M., F.R.M.S., Christ Church, Canterbury. *Mic., Bot., Zool., F. W. Algæ.* C. Ex.
Meyricke, Edw., Warwick House, Armagh St., Christ Church, Canterbury.*
Murray, A., Coromandel Valley.
Petrie, D., M.A., Dunedin. *Bot.*
Potts, T. H., Ohinitahi, Canterbury. *Bot.*
Robson, C. H., Napier. *Nat. Hist.* C.
Scott, Prof. J. H., Univ., Otago. *Anat.*
Sloman, J. F., F.R.A.S., Auckland College, Auckland.
Stratford, Dr. S., Auckland.
Thomson, Geo. M., F.L.S., Science Teacher, High School, Dunedin. *Biol., N. Z. Crustaceæ.* C.
Tomlinson, W., F.R.A.S., Auckland College, Auckland.
Travers, W. T. L., F.L.S., Wellington. *Bot.*
Ulrich, G. H. F., The University, Dunedin, Otaga.

PHILIPPINE ISLANDS.

Botet, Dominigo, Zamboanga.
Noraleda, Bernardino, Universidad, Manila. *Gen. Science.*
Prado, Norberto, Universidad, Manila. *Gen. Science.*
Rivilla, Julian, Universidad, Manila. *Gen. Science.*
Vidal y Soler, Sebastian, Manila.

SANDWICH ISLANDS.

Alexander, Prof. Wm. D., Honolulu.
Bailey, Edward, Wailuku. *Cryptogams: Mosses, especially Lichens and Algæ, Diatoms.* C. Ex. Desires Australian ferns.*
Baldwin, D. D., Inspector-General of Schools, Honolulu. *Bot.: Mosses and Ferns, L and F. W. Shells.* C. Ex.*
Barton, Geo. H., Government Survey, Honolulu. *Geol., Min.* C.*
Cummings, O. S., M.D., Honolulu. *Histol.*
Dole, S. B., Honolulu. *Lichens, Orn.**
Haydon, Asa, Punuhou School, Oahu. *Lepid.*
Kurbary, Joh. S., care H.B.M. Consul, Ponape, Honolulu. *Anth., Orn.* C.
Lydgate, John M., Laupahoehoe. *Pteridologist.*
Wetmore, C. H., M.D., Hilo. *Ferns, Fishes.*
Scientific Society, Honolulu, Geo. H. Barton, Pres., Honolulu.

SOCIETY ISLANDS.

Garrett, Andrew, Tahité, Photographer and Collector of Nat. Hist. *Photog., Ichth., Moll.* C. of Shells. Ex. South Sea Shells.*

SUMATRA.

Verbeek, R. D. M., Padang.

TASMANIA.

Abbott, Francis, Observatory, Hobart Town. *Ast.*
Abbott, F., Jr., Hobart Town.
Agnew, Dr., Sec. Roy, Soc., Hobart Town.
Barnard, James, Hobart Town.
Beddome, C. E., Hobart Town. *Con.* Ex.
Bromby, Right Rev. C. H., Lord Bishop of Hobart Town.
Dobson, His Honor Justice, Hobart Town.
Gould, Charles, B.A., Hobart Town.
Gunn, Ronald C., Penquite, Launceston.
Hall, E. Swarbeck, Hobart Town.
Harrop, Edward D., Launceston.
Hull, Hugh Munro, Clerk of Parliament, House of Assembly, Hobart Town. *Statistics, Interchange of information.* C. Ex. minerals, photographs, and statistics.
Johnson, R. M., Launceston.
Lefroy, Sir John H., Hobart Town.
Legge, William V., Capt. R.A., Callenswood House, St. Mary's. *Orn.* C. Will exchange Australian sea-birds for American.
Legrand, Wm., Hobart Town. *Con.*
Nowell, E. C., Hobart Town.
Petterd, William F., F.R.S.T., Launceston. *Zool., Orn., Moll.* C. Ex.*
Shoobridge, William E., Bushy Park, New Norfolk. *Meteo.* Meteorological tables, especially rainfall and evaporation.
Simson, Augustus, Launceston. *Ent.*
Stephens, Thomas, M.A., F.G.S., Chief Inspector of Schools, Hobart Town. *Geol.*
Valentine, W., Campbell Town.
Willimott, Sydney, Waltham Terrace, Richmond.

ADDENDA.

UNITED STATES AND CANADA.

Aldrich, T. H., M.E., Southern Ave., Cincinnati. *Moll., spec. Unionidæ of the South.* C. Ex.* **Ohio.**

Asire, Merwin E., Marquette. *Orn., Ent.: Coleopt., Lepid.* C. Ex.* **Mich.**

Boring, C. O., 148 Market St., Chicago. *Fungi.** **Ill.**

Boyd, Rev. W., Glen Moore, Chester Co. *Min.* C. Ex. **Penn.**

Brewster, J. R., Windsor. *Min., Orn., Ool., Tax., L. and F. W. shells.* C. Ex.* **Vt.**

Briggs, S. A., 16 Courtlandt St., New York. *Diatoms, Desmids.* C. Ex.* **N.Y.**

Brodnax, Ben. H., Morehouse Parish. *Ent.** **La.**

Brown, John J., M.D., Sheboygan, Wis. Address for four months Chicago Acad. Sci., Chicago. *Con., Bot.* C. Ex.* **Ill.**

Brunn, Armin E., 430 Grand Ave., Brooklyn. *Agric., Econ. Ent.* C.* **N.Y.**

Burrington, Albert H., Windsor. *Orn., Ool.* C. Ex.* **Vt.**

Byrnes, R. M., M.D., 531 West Sixth St., Cincinnati. *Palæo., Min., Arch., Con.* C. Ex.* **Ohio.**

Chase, Harvey H., M.D., St. Helena, Napa Co. *Crypt. Bot.: Diatoms.* C. Ex. mounted slides.* **Cal.**

Craycroft, A. B, Mattoon. *Photog., Min., Arch.* C. Ex. **Ill.**

Detmers, Prof. H. J., Champaign. *Pathol., Biol., Ool.** **Ill.**

Dickerson, Winchester, 3310 Walnut St., Philadelphia. *Min.* C. Ex. **Penn.**

Drew, Frank M., Silverton. *Orn, Ool.* Ex.* **Col.**

Earl, Thomas M., 401 East Naghten St., Columbus. *Orn.* C. Ex.* **Ohio.**

Edwards, William, Cus., Mus. at Wellesley Coll., and Nat. Hist. Soc., So. Natick. *Zool., Bot.** **Mass.**

Ewing, A. L., Prof. Geol. and Zool., State Coll., Center Co. *Invert. Palæo., Geol., Lithol., Zool.* C. Ex.* **Penn.**

Gatschet, Albert S., U.S. Nat. Museum, Washington. *Anth., Philol.* **D.C.**

Hotchstein, A., Botanical Artist, 58 Seventh St., Hoboken. *Bot.* **N.J.**

Gliddon, Rupert, Bowmanville, Ont. *Orn.* C. Ex.* **Canada.**

Goodwillie, J. M., M.A., Camlachie, Ont. *Arch., Geol., Palæo.* C. Ex.* **Canada.**

Lyford, Charles C., M.D., Pres. N.W. Veterinary Coll., 309 Second Ave. S., Minneapolis. *Mic., Anat.* C. Ex.* **Minn.**

Marsh, Charles H., Taxidermist, Santa Fé.* **N.M.**

Osbun, I. G., Prof. Phys. and Chem., State Normal School, Salem. **Mass.**

Pierce, Charles, Winchendon, Worcester Co. *Palæo., Geol., Min., Arch.* C. Ex.* **Mass.**

Scott, William Louis, 274 Daly St., Ottawa. *Orn., Ool.** **Canada.**

Whitman, C. Otis, Ph D., Newton Highlands. *Emb.* **Mass.**

Woodman, Harvey T., 23 Clinton Pl., New York. *Palæo., Arch., Moll., Radiates, Sponges.* C. Will ex. fine corals and shells for fine stone implements.* **N.Y.**

NICARAGUA.

Harper, Col. I. H., Rivas. *Nat. Hist.**

CUBA.

Cisneros, Andres M. de, Cardenas. *Con.* Ex.

MEXICO.

Weidner, Dr. Frederick, Mazatlan. *Geol.*

BRAZIL.

Cruls, Dr. Louis, Dir. Ast. Obs., Rio Janeiro. *Ast.*
Derby, Prof. Orville A., Dir. Geol. Sec., Nat. Mus., Rio Janeiro. *Geol., Min.*
Freitas, Dr. Francisco José de, Sub-Dir. Geol. Sec., Nat. Mus., Rio Janeiro. *Geol., Min.*
Frere, Prof. Dr. José Domingos, Med. School, Rio Janeiro. *Org. Chem.*
Gama, Dr. J. Saldanha da, Prof. Bot., Polytech. School, Rio Janeiro. *Bot.*
Gorceix, Dr. Henri, Dir. School of Mines, Ouro Preto, Prov. de Minas. *Min., Geol.*
Lacerda, Dr. J. B. de, Sub-Dir. Zool. Sec., Nat. Mus., Rio Janeiro. *Eth., Physiol.*
Morcira, Dr. Nicolão, Sub-Dir. Bot. Sec., Nat. Mus., Rio Janeiro. *Bot., Agric.*
Peixoto, Dr. Rodrigues, Rio Janeiro. *Eth.*
Rodregues, Dr. J. Barbosa, Rio Janeiro. *Bot., Eth.*
Souza, Dr. Ennes da, Prof. Met., Polytech. School, Rio Janeiro. *Min., Met.*
Thire, Prof. Arthur, School of Mines, Ouro Preto, Prov. de Minas. *Min.*

EUROPE.

AUSTRO-HUNGARY.

Benedikt, Prof. Moriz, Univ., Franciskauer-Platz, 5, Vienna, I. *Elect., Mic., Gen. Biol., Anth., Ethnog.* C. Ex.*
Döll, E., Dir. Realschule, Vienna. *Min., Geol.**
Ettinghausen, Baron Constantin von, Prof. Bot., Univ., Laimburggasse, 8, Gratz. *Plant Palæo.* C. Ex.*
Fauser, Anton, Budapest. *Min., Crystal.* C. Ex.*
Feichtinger, Dr. Alexander, Gran. *Gen. Bot., Ent.* C. Ex.*
Fellöcker, P. Sigmund, Prior der Benedictiner, Kremsmünster. *Min.*
Genersich, Prof. Dr. Anton, Klausenburg. *Vert. Emb., Vert. Anat., Osteol., Myol., Histol. of Vert.* C. Ex.*
Goldzicher, Dr. Wilhelm, Docent Univ., Göttergasse, 2, Budapest. *Pathol. Anat., Ophthal.* C. Ex.*

Graeffe, Dr. E., Prof. der k. k. Zool. Station, Trieste. *Zool.*
Grobben, Dr. Carl, Univ., Schottering, 22, Vienna, I. *Zool. Comp. Anat.**
Hellweger, Michael, Innsbruck. *Phæn. Bot., Lepid.* C. Ex.*
Helord, Dr. Hans Ritter von, Docent, Univ., Marriannengasse, 10, Vienna, IX.*
Hornstein, Dr. Karl, Prof., Univ., Dir. Sternwarte, Prague. *Phys., Elect., Meteo., Ast.**
Hundegger, Joseph, St. Valentin auf der Haid, Virstgau Tyrol. *Bot.* C. Ex. Alpine plants.*
Kétli, Prof. Carl, Univ., Budapest.*
Latzl, Prof. Dr. Ed., Vienna. *Myriopoda.*
Menyhârth, Prof. Lad., Kalocsa. *Bot.*
Monti, Dr. Alois, Rosengasse, 8, Vienna, I.*
Osnaghi, Ferdinand, Dir. Meteo. Obs., Nedanócz. *Meteo.*
Purjesz, Dr. Sigmund, Docent, Univ., Budapest, *Palæo., Bibliog., Anth., Arch., Ethnog.**
Reuss, Dr. August Ritter von, Privat-docent, Wallfischgasse, 7, Vienna, I. *Phæn. Bot.* C.*
Steigerwald, Karl V., Chotebor, Bohemia. *Orn., Ent.: Lepid., Coleopt.**
Torma, Fraulein Sofie von, Szaszváros (Broos). *Palæo., Anth., Arch., Eth.* C. A few meteorites for sale.*
Toth, Dr. M., Kalocsa, bei Budapest.*
Zeissl, Dr. Maximilian, Maximilianplatz, II, Vienna, IX.*

BELGIUM.

Dollo, M. L., Aide Naturaliste au Musée Royal d'Histoire Naturelle de Belgique, Brussels. *Vert. Palæo.*

DENMARK.

Schiödte, Prof. Georges, Zool. Mus., Copenhagen. *Gen. Ent., Crustacea.* Ex. for the Museum.*

FRANCE.

Baillon, Henri, Prof. à l'Ecole de Médecine, Rue Cuvier, Paris. *Bot.*
Deussault, Philibert, Dessinateur Géographe, Rue des Lombards, 12, Paris. *Geog.**
Hayes, Joseph, Commissaire de la Marine en Retraite, Fromenteau, Jurasy (Seine-et-Oise). *Geog.**
Jackson, James, Librarian Société de Géographie, Boulevard St. Germain, 184, Paris.
Maurice, Charles, Licencié ès Sciences Naturelles, Château d'Attiches par Pont à Marcq (Nord). *Gen. Zool., Emb., Palæo., Lepid.* C. Ex.*
Maurice, Jules, Licencié ès Sciences Naturelles, Château d'Attiches par Pont à Marcq (Nord).*
Mühl, Georges, Au-Bourget-lez-Paris. *Osteol., Tax.*
Pelletier, Horace, Madon, près Blois. *Bot., Coleopt.**
Picard, Lieut.-Col. Francis Louis, Langres (Haute Marne). *Palæo., Strat. Geol., Min., Crystal., Lithol.* C.*

GIBRALTAR.

Brain, Major D. L., F.G.S., King's Own Regt.

GERMANY.

Ansorge, Bruno, Auenstrasse, Breslau. *Phæn. Bot.: Mosses.* C. Ex.*
Aron, Theodor, Univ., Bonn. *Pharm.*
Bebber, Dr. Wilhelm Jacob van Bebber, Seewarte, Hamburg. *Meteo.**
Bezold, Prof., Dir. Meteo. Central Office, Munich. *Meteo.*
Bonney, Prof. T. G., F.R.S., Univ. College, London. *Geol., Petrology.* C.*
Braun, Ch., Dir. Obs., Kalocsa, bei Budapest. *Ast.**
Callenberg, Emil, Lippstadt. *Orn.**
Cichorius, Paul, Gotha. *Bot., Lepid* C.*
Deichmüller, Dr. Johannes Victor, Museum, Dresden. *Min., Geol.*
Frank, Prof. Bernhard, Ph.D., Landwirth. Hochschule, Philippstrasse, 8, Berlin. *Crypt. Bot.: Fungi, Agric.**
Gaffron, Dr. Eduard, Vorderbleiche, 10, Breslau. *Invert. Palæo., Zool., Gen. Biol., Invert. Emb., Invert. Anat., Histol. of Vert., Articulates, Crustacea, Worms, Moll., Radiates, Sponges, Protozoa, Infusoria.* C. Ex.*
Gräffe, Ed., care Museum Godefroy, Hamburg (see Fiji Islands). *Gen. Ent.*
Haas, Dr. H., Strasburg. *Fossil Brachiopoda.*
Knapp, Friedrich, Gotha. *Bot., Lepid.* C.*
Kutzleb, Victor, Ph.D. *Agric.* C. Ex.*
Lanz, Herman, Friedrichshafen on Lake Constance. *Lepid.* C.*
Lommel, Eugen, Ph.D., Prof. Univ., Erlangen. *Phys.**
Petri, Dr. Camillo, Strasburg. *Fossil Brachiopoda.*
Schoder, Prof., Dir. Meteo. Central Station, Stuttgart. *Meteo.*
Schulgin, Dr., Univ., Gaisbergstrasse, 14, Heidelberg. *Gen. Zool., Emb., Brachiopoda.*
Sohncke, Prof., Dir Meteo. Central Office, Carlsruhe. *Meteo.*
Speiser, Prof. Fr., Kalocsa, bei Budapest.*
Struckmann, Carl, Hannover. *Palæo., Geol., Geog. Dist., Anth., Mam.* C.*
Teicher, Theodor, Landeshut. *Ent.: Lepid.* C. Ex.*
Thomas, Dr. Friedrich August Wilhelm, Prof. und Oberlehrer an der Herzogl. Realschule, Ohrdruf, bei Gotha. *Phytopathology.* C.*
Wetckamp, Wilhelm, Lippstadt. *Bot.**

GREAT BRITAIN.

Bisset, J. B., Wynndun Banchory, Scotland. *Desmids.*
Butler, Major E. A., Royal Inst. Rifles, care Messrs. Cox & Co., Army Agents, Craig's Court, London. *Orn., Ool.*
Ley, Rev. Clement, Ashby Parva, Lutterworth, Leicestershire. *Meteo.*
Roebuck, Wm. Denison, Sunny Bank, Leeds. *British Mam., Reptiles, Hymenop., Limacidæ.* Desires assistance in last subject particularly.*

ITALY.

Capellini, Giovanni, Via Zamboni, 59, Bologna. *Palæo., Strat. Geol., Lithol.**

NETHERLANDS.

Baas, A. G. de, Breestraat, 151, Leiden.
Baelde, C. H. L., Hoozewoerd, 99, Leiden.
Bakhuis-Rooseboom, H., Asst. Lab., Univ., Hooglandsche Kerkgracht, 13, Leiden. *Inorg. Chem.*

Bemmelen, Prof. Dr. J. M. van, Dir. Lab., Univ., Nieuwe Rijn, 43, Leiden. *Inorg. Chem.*
Berg, J. C. van den, Breestrat, 72, Leiden.
Bierens de Haan, Prof. Dr. D., Univ., Rapenburg, 26, Leiden. ***Math.***
Borgman, A., Tollenstraat, The Hague.
Bornwater, J. Th., Soeterwoude, near Leiden.
Burg, Prof. Dr. E. A. van der, Dir. Pharm. Lab., Univ., Langebrug, 87, Leiden. *Pharm., Toxicol.*
Burger, H. C. Pzn., Janstraat, 15, Haarlem.
Capelle, H. van, The Hague.
Cobet, Prof. Dr. Carel Gabriel, Univ., Rapenburg, 2, Leiden. ***Antiquities, Palæography.***
Couvee, J. E., Mare, 24, Leiden.
Dekhuyzen, M. C., Asst. Physiol. Lab., Univ., Maarsmansteeg, 9, Leiden. *Physiol.*
Dekkers, P. J., Veenkade, 1*a*, The Hague.
Dissel, S. van, Mare, 66, Leiden.
Dorsten, R. H. van, Aert van Nesstraat, 90, Rotterdam.
Duyster, C. J., Oude Vest, 97, Leiden.
Eck, A. van, Hontstraat, 3, Leiden.
Eeden, W. van, Jr., Langebrug, 107, Leiden.
Ekama, Dr. H., Haarlem. *Zool.*
Elion, H., Nieuwe Rijn, 19, Leiden.
Franchimont, Prof. Dr. A. P. N., Dir. Lab., Univ., Rapenburg, 104. *Org. Chem.*
Franckenberg en Proschlitz, W. M. S. C. van, The Hague. ***Org. Chem.***
Geer, Prof. Dr. P. van, Univ., Rapenburg, 81, Leiden. ***Math.***
Giltay, Dr. E., Asst. Bot. Lab., Univ., Oude Rijn, 48, Leiden.
Graaf, H. W. de, Hoogewoerd, 123, Leiden. *Zool.*
Grotendorst, E. J., The Hague.
Hensgen, C., Asst. Lab., Univ., Oude Vest, 19, Leiden. *Inorg. Chem.*
Heynsius, Prof. Dr. A., Dir. Physiol. Lab., Univ., Nieusteeg, 21, Leiden.
Hoffmann, Prof. Dr. C. K., Dir. Zool. Lab., Univ., Oude Singel, 20, Leiden. *Zool.*
Holleman, A. F., Hoogewoerd, 1, Leiden.
Horst, Dr. R., Mus. Nat. Hist., Hooigracht, 18, Leiden. ***Fish and Reptiles.***
Huet, Prof. Dr. G. D. E., Univ., Hooigracht, 18, Leiden. *Pharm.*
Jentink, Dr. F. A., Mus. Nat. Hist., Papengracht, 22, Leiden. ***Birds and Mammalia.***
Kamerlingh, Prof. Dr. Onnes, Dir. Phys. Cab., Univ., Oude Singel, 6, Leiden. *Phys.*
Klobbie, E. A., Plein, 4, The Hague.
Koning, Dr. P. de, Anat. Cab., Univ., Rapenburg, 21, Leiden. ***Anat.***
Leemans, Dr. C., Dir. Mus. Antiq., Boommarkt, 7, Leiden.
Leemo, A. L. de, Heeregracht, 138, Leiden.
Lint, J. de, Soeterwoudsche weg, F, 113, Leiden.
Lobry van Troostenburg de Bruyn, C. A., Asst. Lab., Univ., Houtstraat, 5, Leiden. *Org. Chem.*
Logchem, W. van, The Hague.
Loos, Dr. D. de, Leiden. *Chem.**
Los, H. C., Soeterwoudsche weg, 62*b*, Leiden.
Luyten, L. P. C., Nieuwe Rijn, 109, Leiden.
MacGillavry, Prof. Dr. Th. H., Univ., Garenmarkt, 9, Leiden. ***Pathol Anat., Hygiene.***
Molengraff, G. A. F., Haarlemmerstraat, 12, Leiden.
Noorduyn, L. A. W., Hoogewoerd, 124, Leiden.
Postma, G., Nieuwsteeg, 23, Leiden.

Reyst, G. F., Oude Rijn, 21, Leiden.
Rijke, P. L., Prof. Emer., Univ., Hooigracht, 13, Leiden. *Phys.*
Ritsema, C. Czn., Mus. Nat. Hist., Rapenburg, 94, Leiden. *Articulates.*
Romburgh, Dr. P. van, Asst. Lab., Univ., Kaiserstraat, 28, Leiden. *Org. Chem.*
Sande Bakhuyzen, Dr. E. F. van der, Privat-docent, Ast. Obs., Univ., Leiden. *Ast.*
Schipper, W. W., Haarlemmerstraat, 219, Leiden.
Schlegel, Prof. H., Dir. Mus. Nat. Hist., Breestraat, 109, Leiden.
Simon, Thomas, Haarlemmerstraat, 52, Leiden.
Sissingh, R., Kaiserstraat, 51, Leiden.
Snabilié, C. J. W., The Hague.
Stieltjes, F. J. J., Jr., Asst. Ast. Obs., Leiden. *Ast.*
Stortenbeker, W., Fluweelen burgwal, 1, The Hague.
Stroel, L. M. J., Soeterwoudsche weg, 98.
Suringar, Prof. Dr. W. F. R., Dir. Bot. Lab., Univ., Nonnensteeg, 1, Leiden. *Bot.*
Verster, F. A., Mus. Nat. Hist., Papenburg, 40, Leiden.
Veth, Prof. D. P. J., Univ., Papenstraat, 6, Leiden. *Phys. Geog. Indian Archipel.*
Westendorp, J. H. van, Haarlemmerstraat, 259, Leiden.
Wilterdink, J. H., Ast. Obs., Leiden. *Ast.*
Winter, J. J. B. H. A., Assen.
Witte, H., Nonnensteeg, 6, Leiden. *Hort.*
Wyhe, Dr. W. J. van, Asst. Zool. Lab., Oude Singel, 212, Leiden.
Zaaijer, Prof. Dr. T., Dir. Anat. Cab., Univ., Rapenburg, 16, Leiden. *Anat., Emb.*

RUSSIA.

Arrhenius, Dr. Axel, Asst. Bot. Mus., Univ., Helsingfors, Finland. *Phæn. Bot.* C. Ex.*
Aspelin, Dr. Prof. Johan Reinhold, Museum Finn. Ugr. Archæologie, Univ., Helsingfors, Finland. *Arch., Ethnog.**
Bobretzki, Prof. Dr., Univ., Kiew. *Zool., Emb.*
Bogdanow, Prof. Dr., Univ., Moscow. *Zool.*
Brander, Casimir Evald Wilhelm, Ikalis, Parkano, Finland. *Phæn. Bot., Hort., Orn., Ool.* C. Ex.*
Brandt, Prof. Dr., Institut Vétérinaire, Charkow. *Zool., Emb.*
Donner, Prof. Anders, Dir. Sternwarte, Helsingfors, Finland. *Ast.**
Hjelt, Prof. Otto, Helsingfors, Finland. *Pathol. Anat.**
Kihlman, Dr. Oswald, Helsingfors, Finland. *Fungi.**
Korotneff, Dr., Univ., Moscow. *Zool., Emb.*
Kroneberg, Dr., Univ., Moscow. *Zool.*
Levanen, Sakris, Docent, Univ., Unions-gaten, 6, Helsingfors, Finland. *Math., Ast.**
Mereschkowski, Univ., St. Petersburg. *Zool., Emb.*
Milaschewitsch, Dir. Gymnasium, Militopoll. *Geol.*
Nassonoff, Univ., Moscow. *Zool., Emb.*
Nylander, Dr. Edwin, Knopio, Finland. *Phæn. Bot.; Lichens Hort., Agric., Moll.* C.*
Ouljanin, Univ., Moscow. *Zool., Emb.*
Ousjanikoff, Mem. de l'Académie, St. Petersburg. *Zool.*
Perijaslavzew, Dr., Directrice Laboratoire de Zool., Sebastopol. *Zool., Emb.*
Repiachow, Prof. Dr., Univ., Odessa. *Zool.*
Rindell, Dr. Arthur, Prof. Chem., Landw. Inst., Mustiala, Finland. *Inorg. Chem.* C. minerals of Tammela. Ex.*

Salensky, Prof. Dr., Univ., Odessa. *Zool.*
Setschenoff, Prof., Univ., St. Petersburg. *Zool.*
Solitander, Carl Probus, Helsingfors, Finland. *Geol., Met.**
Tichomiroff, Univ., Moscow. *Zool.*
Ussow, Prof. Dr., Univ., St. Petersburg. *Zool.*
Wagner, Prof. Dr., Univ., St. Petersburg. *Zool., Emb.*
Zilow, Prof., Inst. Technologique, Moscow. *Phys.*
Zograff, Con. à l'Univ., Moscow. *Zool.*
Hougeberg, Emil, Alexandersgaten, 16, Helsingsfors, Finland. *Orn., Ool., Arach., Moll.* C. of Moll. Ex.*

INDIA.

Cole, Major H. H., Cur. Ancient Monuments in India, Sec. Native Industrial Art Com., Simla (Punjáb). *Architecture and Archæology.**

JAPAN.

Kada, Teiichi, Geol. Society of Japan, Tokio. *Geol.*

NEW SOUTH WALES.

Brooks, J., F.R.G.S., Woollahara, Sydney. *Ast., Geog., Surveying.**
Conder, W. J., Survey Office, Sydney. *Ast., Surveying.*

SOUTH AUSTRALIA.

Blackburn, Rev. Thomas, B.A., Port Lincoln. *Ent.* C. Ex.*

BORNEO

Posewitz, Dr. Theodor. *Geol.**

JAVA.

Piepers, M. C., Batavia. *Lepid.* Fine collection of Lepidoptera of Java in care of M. Snellen, Wynhaven, 45, Rotterdam, Netherlands. Desires to ex. Lepidoptera of Java for those of other tropical countries of the Old World, and diurnals of the entire world. Desires especially Lycaenides.*

NEW ZEALAND.

Kirk, Prof. T., F.L.S., School of Agric., Lincoln, Canterbury. *Bot.*
Kirk, T. W., Asst. Cur., Colonial Mus., Wellington. *Invert. Zool., Crustacea.**

TASMANIA.

Beddome, Lieut. Charles E., Hill Grove, near Hobart Town. *Moll.* C. Ex.*
Johnston, Robert M., F.L.S., Government Statistician, 2 Davey St., Hobart Town. *Bot., Palæo., Geol., Meteo., Ichth.* C.*

B. NEUMOEGEN, P. O. Box 2581, N. Y.

Buys, at liberal terms, EXOTIC BUTTERFLIES, with the exception of those of the European Fauna.

INSECTS FROM AMOORLAND, JAPAN, NORTH AUSTRALIA, AND AFRICA PREFERRED.

EXCHANGE ON LIBERAL TERMS.

THE SCIENTIFIC ROLL.

CONDUCTED BY ALEXANDER RAMSAY, F.G.S.

This Magazine, which is now publishing in quarterly numbers, is an encyclopædic key to scientific literature, arranged in a methodical manner so that each science and each section of a science is complete in itself, although each part forms an integral portion of one comprehensive plan. The portion being published just now refers mainly to meteorology. Nine numbers have been issued (price, 8*s.* 6*d.*); and No. 10 will be ready in February, 1883 (price, 1*s.* 6*d.*). The first volume will be completed toward the end of 1883.

J. H. FENNELL, PUBLISHER,

7 Red Lion Court, Fleet St., London, E. C.

WANTED.—One or two good specimens of each of the following minerals. Dana's Species, Nos.

3	11	19	38	46	53	61	73	84	93	100	106	112	121	133	147
4	13	23	39	47	54	63	74	85	95	101	107	113	123	134	148
5	14	28	41	48	55	65	76	86	96	102	108	114	124	135	149
6	15	31	42	50	57	66	77	87	97	103	109	115	126	136	150
7	16	33	43	51	59	67	80	89	98	104	110	116	128	144	
10	17	37	45	52	60	70	82	92	99	105	111	120	129	146	

Parties having any of the above for exchange, please communicate with

JAMES SHEPARD, New Britain, Conn.

THE BULLETIN

OF THE

TORREY BOTANICAL CLUB.

A Monthly Medium for the publication of Articles, Short Notes and Queries, by Professional and Amateur Students of Botany.

The BULLETIN, which has now reached its ninth volume, and is published by the Torrey Botanical Club of New York, is not (as its name might imply) the organ of a Club or Society, but strictly a botanical periodical, the pages of which are open to all botanists who choose to avail themselves of them in making known to fellow-workers the results of their studies and observations. The back volumes contain a rich store of valuable articles and short notes from men eminent in science, as well as from amateurs, and should be in the hands of every working botanist.

The BULLETIN is published in monthly numbers of twelve pages—with occasional plates and cuts to illustrate the text—at the low price of

ONE DOLLAR A YEAR.

To those who contemplate subscribing for a botanical periodical, specimen copies will be sent on application. Orders for back volumes, and letters asking for further information, should be addressed to the editor,

W. R. GERARD,
9 Waverly Place, New York.

Mr. S. E. CASSINO is authorized to receive subscriptions for the BULLETIN.
AGENTS FOR EUROPE: Messrs. DULAU & Co., 37 Soho Sq., London, Eng.

NATURAL SCIENCE ESTABLISHMENT.

V. FRIC,

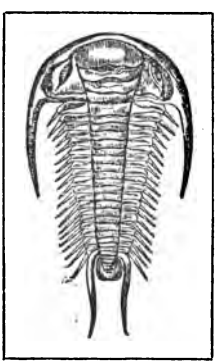
1544.—II. —— **PRAGUE.** —— BOHEMIA.

AUSTRO-HUNGARY,

EUROPE.

Individual Specimens and Collections.

Minerals.
Rocks.
Fossils.
Trilobites.
Silurian Fossils
of Bohemia.
Specialty of Bohemian
and
Hungarian Minerals.
Imitations of
Precious Stones.
Casts of Fossils
and others.
Etc.



Injections
of Vertebrates in
Alcohol.
Stuffed Animals
(Skins).
Skeletons
(Osteology)
of Animals: Alcoholic
and
Dry Specimens.
Insects.
Shells.
Corals.
Etc.

Correspondence in German, French, English, Etc.

Price List gratis, and post-free on demand.

SCIENCE.

Published Weekly at Cambridge, Mass, U. S. A.

SCIENCE is a strictly independent journal, devoted to the advancement of knowledge and scientific research in America, and is technical only in so far as the subject-matter requires. It claims the support of scientific men as the most available channel for the early publication of condensed results of their researches, and appeals to the intelligence of the general public by its careful exposition of scientific discovery, while both will profit by its weekly reports of scientific progress, drawn from original sources of the latest date, and from all parts of the world.

SCIENCE offers a ready and rapid means of intercommunication between the scattered scientific men of America, which they have never yet enjoyed, and will endeavor to become, in a high sense, the exponent of the best scientific thought of the country; and its impartial reviews of native and foreign scientific literature ought to be welcomed by every person of ordinary culture. Particular attention will be paid to current periodical literature and the proceedings of learned bodies, which give the latest results of scientific study. Arrangements have been made for their early receipt, often in advance of ordinary publication; and the miscellaneous material so obtained is carefully digested, and presented under specific heads. This prominent feature, which has never before been introduced in a weekly journal, will be particularly attractive to the specialist, in whatever branch, as he will at once know where to look for the latest information about all the more important work in his own field of investigation.

SCIENCE purposes to furnish original articles by the most capable writers on the results of scientific research, to urge the importance of scientific education, and to illustrate the applications of scientific principles to all matters pertaining to national progress and practical affairs of every kind. The scope of SCIENCE will be as broad as its name: in every field of inquiry where the scientific method is adopted, it will hope to enter. Chronicler of the latest discoveries, but without affecting to hold a judicial position, it will indicate their relation to current thought and philosophy, as well as to the exigencies of daily life, in a fearless yet reverent spirit,—not too hasty in supporting plausible hypothesis, but ever open to the truth.

To promote one of its chief objects, and as a distinctive feature of the journal, SCIENCE will give its hearty support to those who are endeavoring to introduce the study of the natural and physical sciences into public and private schools, by drawing attention in every possible way to the high importance of this measure, as well as by giving illustrated articles, plainly worded, prepared by skillful hands, to guide the efforts of the teachers.

SCIENCE has secured in advance the good-will and active support of a large body of the most competent scientific men of the country, as will sufficiently appear upon an inspection of any of its numbers.

Communications are welcomed from any quarter, and a fair price will be paid for such as are accepted.

The first volume of SCIENCE began on February 9, 1883, and will close June 29, 1883. Each issue will regularly contain twenty-six (26) pages of text wholly free from any kind of advertising; but often, during the year, an issue, like the present one, will contain more than twenty-six pages; so that the two volumes comprised in one year will make about 1,500 pages of text. At the close of each volume an appropriate title-page and carefully prepared indexes will be furnished to subscribers. The subscription price for one year is $5.00 to any address in the United States and Canadas, and $6.00 to any address in the other countries of the International Postal Union. Single numbers are 15 cents a copy.

THE SCIENCE COMPANY.

President, DANIEL C. GILMAN, Baltimore, Md.

Vice-President, ALEXANDER GRAHAM BELL, Washington, D. C.

S. E. CASSINO & CO., Publisher's Agents, . . BOSTON, MASS.

COLLECTORS

WANTED.

The undersigned hereby solicits correspondence with Lepidopterists in the United States and Canada, *for the purchase or exchange of carefully reared hybernating pupæ of American Diurnes.*

GODEFROI MOLLINGER,

Godesberg, Germany, Europe.

THE AMERICAN

Monthly Microscopical Journal.

Edited by ROMYN HITCHCOCK, F. R. M. S.
Vol. IV for 1883.

Beginning with the January number.

A monthly magazine devoted to every branch of

SCIENCE

in which the microscope is used. It aims to aid both the beginner and the advanced student, by giving explicit directions for the manipulation of the instrument and the preparation of specimens, as well as all new discoveries in Science, Physics, Chemistry, Botany, Zoology, Mineralogy and Geology, which are the results of the use of the Microscope. To the

MEDICAL PROFESSION

it will prove invaluable, as it will endeavor to furnish prompt notice of all new discoveries in Microscopic Pathology and Microscopic Anatomy; subjects, the importance of which is admitted by all practitioners, but which are neglected by almost every Medical Journal.

All theoretical and abstruse questions; angular aperture, markings of diatoms and mere lists of species; in which but a few can possibly be interested, will hereafter be either omitted or greatly condensed, and the space thus gained devoted to the interests of our readers.

Subscription Price, One Dollar per Year.

S. E. CASSINO & CO., Boston, Mass.

ORCHIDS! ORCHIDS! ORCHIDS! ORCHIDS!
ORCHIDS! ORCHIDS! ORCHIDS! ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!
ORCHIDS!

M. GODEFROY LEBEUF,

Horticulturist,

Argenteuil, Seine-et-Oise,

FRANCE,

WISHES to purchase living samples of the most ornamental exotic ORCHIDS. He offers in exchange either French Vegetables, Trees, Rose-trees, Ornamental Plants, etc., or such other specimens as he may be able to procure.

ORCHIDS! ORCHIDS! ORCHIDS! ORCHIDS!
ORCHIDS! ORCHIDS! ORCHIDS! ORCHIDS!

A BOOK FOR ALL.

THE

NATURALISTS' ASSISTANT.

BY J. S. KINGSLEY.

An indispensable work for both the amateur and the professional student of nature. It gives concise directions for the collection, preservation, mounting, labelling, and exhibition of animal forms; hints on the construction of Museums and cases; explicit directions for the choice and use of the microscope, including the mounting of microscopic objects; and Recipes for preparing the principal Anatomical and Histological reagents. An especially valuable feature is a well-selected and classified list of 1500 of the most useful books and papers for the identification of specimens, and the arrangement of Museums.

The whole forms an octavo volume of 225 pages, and is well illustrated.

Price, $1.50.

S. E. CASSINO & CO., BOSTON, MASS.

The cut shows the instrument about 2-5 the real size. The microscope stands 12½ inches high, and the stage is 3¼ in. from the table. The body is 5 in. long, and the draw-tube also 5 in. long, and marked with a ring to show the standard length. The diameter of the body tube is 1.4 in.; of the eye-piece 1.26 in. The stage has revolving, concentric movement; plain and concave mirror; mirror and sub-stage swing over the stage, and there are spring stops to indicate when they are in line with the axis of the tube. Standard size sub-stage tube. Broad-gauge screw in main tube with adapter with the Society Screw. Diaphragm in sub-stage to slide close to the object. Society Screw fitting in sub-stage. All made of Polished Brass.

Price, with One Eye-piece and Walnut Case, . $50.
" with 3-4 and 1-5 Objective, ... 70.

W. H. BULLOCH, Optician,
99-101 W. Monroe St., Chicago, Ill.

PATENTED 1879.

NEW BIOLOGICAL STAND.

This stand has been called the "Biological Stand," because it is suited to all departments of biological work, including Botany, Zoology, Histology, Medicine, etc.

GEO. F. GAUMER, B.S.

DEALER IN

Mammals, Birds, Eggs, Reptiles,

INSECTS, PLANTS, MINERALS, ALCOHOLIC SPECIMENS, SKELETONS, PUEBLO INDIAN SKULLS, POTTERY, COSTUMES, ARMS, ETC.

AND

NEW MEXICAN CURIOSITIES

OF EVERY KIND.

I have in store a large number of rare Birds' Eggs from Central America, all of which were collected by myself in 1881, and are carefully identified. Also a fine stock of the rare and beautiful Mexican Feather Work, consisting of Mats for lamps and vases, Bouquets and Wreaths of the most beautiful flowers made from the natural feathers of Mexican Birds.

Special attention is called to the great variety of New Mexican Cacti, and other curious plants, which will be sent to any part of the world for potting. These are very showy and beautiful, and will bloom in any climate.

I will exchange or purchase named **Diptera** of the world to a limited amount. All specimens must be perfect.

Price lists of Skins, Birds, Insects, Plants, etc., sent on application to persons wishing to purchase.

GEO. F. GAUMER,
Santa Fé, New Mexico.

ANATOMICAL TECHNOLOGY

AS APPLIED TO THE DOMESTIC CAT:

AN INTRODUCTION TO HUMAN, VETERINARY, AND COMPARATIVE ANATOMY.

600 pages, 130 figures, and 4 lithograph plates. Price $4.50.

BY PROFESSORS B. G. WILDER, AND S. H. GAGE,
OF CORNELL UNIVERSITY.

"The book includes all that is required upon the art of dissection and the preservation of anatomical specimens. It explains and amplifies anatomical nomenclature, describes elaborately the anatomy of the anterior extremity, the viscera, and the central nervous system of the domestic cat, and is enriched with systematic reference to the labors of other anatomists, on the entire range of anatomical and zoological study of the vertebrata. . . . We cannot but think that the authors have produced a valuable manual, at once authoritative in statement and admirable in method, and one that is deserving of a welcome at the hands of every student, either in human or comparative anatomy." — PROF. HARRISON ALLEN, M.D., *The American Journal of the Medical Sciences*, January, 1883.

"Contains the best collection of practical descriptions of the manner of preparing bones, preserving soft parts, making injections, etc., with which we are acquainted. The directions for studying the anatomy of the cat are explicit and well arranged. . . . Bears the unmistakable marks of prolonged personal experience, which has secured uncommon accuracy." — *The Nation*, January 25, 1883.

"We can most cordially commend it as filling a place in text-books as yet unoccupied." — *The Medical Record*, February 10, 1883.

"In the first chapter the authors give a descriptive catalogue of the instruments and materials used in dissection. . . . This chapter is admirably written, and in some respects reminds us of the instructions in Faraday's 'Chemical Manipulations.'" — *The Journal of Science* (formerly the "Quarterly Journal of Science"), January, 1883.

"The authors give evidence on every page of having worked according to the strictest of methods as students, and they have certainly proved themselves superior teachers by laying down an admirable set of rules for those who desire to follow in their footsteps. . . . They have wisely discarded all terms that are not equally applicable to the cat as well as to the human subject." — *The Journal of Comparative Medicine and Surgery*, January, 1883.

"As a laboratory guide for those engaged in vertebrate dissection, it seems to us far superior to any other yet published. . . . The greater part of the volume is directly applicable to the needs of the student of human anatomy. . . . All the methods and nomenclature . . . might be learned better and more quickly by the dissection of cats, with the aid of such a handbook as this." — PROF. DAVID S. JORDAN, M.D. *The Dial*, January, 1883.

"In consequence of the supply of human material being unequal to the demand, I recommended the preliminary dissection of the cat and dog, with the view that it would give tact in handling the scalpel, and the ability readily to distinguish tissues and organs, as well as much knowledge of anatomy, which is essentially the same in the human body. You may use my name in the way best adapted to your purpose in recommendation of your truly useful book on the cat. . . . I have viewed with much interest your efforts to reform anatomical nomenclature, and am disposed to sustain you as far as possible. — PROF. JOSEPH LEIDY, M.D., private letter.

"I am very much pleased with the appearance of the work, its arrangement, typography, and illustrations. The Bibliography and Index also deserve particular mention." — PROF. O. W. HOLMES, M.D., private letter.

A. S. BARNES & CO., NEW YORK AND CHICAGO.

WANTED BY PURCHASE OR EXCHANGE.

The undersigned solicits correspondence with parties having good **PALÆOZOIC FOSSILS** to dispose of. **Fossil Plants** especially wanted from all parts of the world, and will be purchased in single specimens or large collections.

Would exchange *American* for *European* species of plants, where an *exchange is preferred* to sale. Catalogue of American species showing what I have to spare will be furnished, and similar lists requested.

R. D. LACOE,
PITTSTON, LUZERNE COUNTY, PENN., U.S.A.

JAMES F. DUNN,

FLEETWOOD, BERKS COUNTY, PENN.,

Has one of the largest and most valuable private Mineral Collections in the country, and desires to exchange with parties having good mineral specimens. Fine zeölites, crystallizations of calcite and iron pyrites, iridescent limonite (equal, if not superior to the foreign) globular pyrites, chalcedony, crystallized quartz or jasper, double terminated quartz crystals, and numerous other rare local specimens given in exchange for interesting minerals. A LIST OF DUPLICATES IS RESPECTFULLY SOLICITED. Correspondence receives prompt attention.

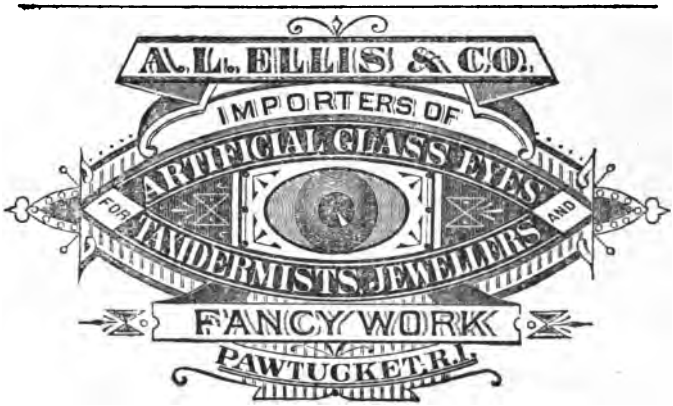
UTAH, COLORADO, NEVADA, AND CALIFORNIA FLORA.

I have collected about 4000 species of plants in the above regions. These are put up in sets of 900 Colorado species, $57; 400 Utah (of 1879), $25; and 400 Utah (of 1880), $25; 500 California and Nevada (of 1881), $30; and 600 California and Nevada (of 1882—ready in December of same year), $40. Of the plants not in sets (as well as those in the sets) a limited number of specimens are on hand, from which botanists can select at 10 cents per specimen. The heavy pine cones of California will be sold at 50 to 75 cents each. Among these plants are 75 species that are entirely new (discovered only by me), and several hundred that are commonly called new species. Complete lists will be sent for 50 cents; any of the five lists at 10 cents each. When a reasonable number of specimens are bought the money for lists will be refunded.

SEEDS and ROOTS of many of the plants deserving of cultivation will be collected for wholesale dealers at reasonable rates, and price lists will be sent on application. Foreign correspondence desired in this direction. Seeds of valuable and new forest trees, palms, annuals, and perennials always on hand.

Herbarium specimen shipped free to New York or elsewhere in the U. S.

MARCUS E. JONES, A.M., SALT LAKE CITY, UTAH, U.S.A.



WARD'S

Natural Science Establishment,

ROCHESTER, N. Y.

SYSTEMATIC CABINETS of **MINERALOGY, GEOLOGY,** and **ZOOLOGY** are made for **Academies, Colleges,** and **Universities.** Especial attention is given to this department, and Estimates and Plans are furnished; we also offer **Individual Specimens** in each department.

The stock of Natural Science material now on hand is unquestionably far greater in the aggregate than at any similar Institution in the world. Correspondents and special collectors in all parts of the world are sending us material every week, giving a constant supply of Minerals, Rocks, Fossils, Casts of Fossils, Skins and Skeletons of Animals of all classes (mounted or unmounted), Alcoholic Specimens, Crustaceans, Shells, Echinoderms, Corals, Sponges, etc., etc. Also, Anatomical preparations (Human Anatomy), and glass models of Invertebrates. Skulls and Skeletons of American Indians and other races.

Catalogues of Special Departments will be mailed to all parties requesting them and sending price of same, as given below.

[To teachers requesting them with the intent expressed to purchase Specimens, they will be sent *gratis*.]

Catalogue of	PRICE
Minerals, 60 pages	$ .20
Special Collection of Minerals, 40 pages	.10
Geology and Lithology, 56 pages,	.20
Rocks of the New York System, 44 pages	.20
Special Lithological Collection, 25 pages	.10
Casts of Fossils, 227 pages; 284 Wood Cuts	1.55
School Series of Casts, 52 pages; 68 Wood Cuts	.20
Academy Series of Casts, 80 pages; 130 Wood Cuts	.30
College Series of Casts, 136 pages; 230 Wood Cuts	.75

Catalogue of	PRICE
Osteology, 64 pages	$ .25
Special Series for Union Schools, 40 pages	.15
Skins and Mounted Specimens, with Alcoholic Specimens), 142 pages	.30
North American Birds' Eggs, 12 pages	.10
Foreign Birds' Eggs, 14 pages	.10
Invertebrates, 100 pages; 121 Wood Cuts	.50
Human Skeletons and Anatomical Preparations, 24 pages	.15
Glass Models of Invertebrates, 22 pages	.10

Send for Circular and sample copy of **Bulletin.**

Prof. HENRY A. WARD, A. M.,

2 COLLEGE AVENUE,

Letters pertaining only to Minerals, Rocks, Fossils, and Casts of Fossils, address to Ward & Howell,

ROCHESTER, N.Y.

Minerals, Scientific and Medical Books, Shells, Fossils, Birds, Eggs,

And all objects of Natural History, are bought, sold and exchanged by

A. E. FOOTE, M. D.,

No. 1223 Belmont Avenue, Philadelphia, Pa.

(Professor of Chemistry and Mineralogy; Fellow of the American Association for the Advancement of Science; Life Member of the Academy of Natural Sciences, Philadelphia, and American Museum of Natural History, Central Park, N. Y. City.)

Specimens sent to any part of the world by mail. Specimen copy of the illustrated monthly, "Naturalist's Leisure Hour," of 32 pages, sent free. Subscription, 75 cents a year. For Club Rates and Premiums, see each monthly issue.

I received the highest award given to any one at the Centennial Exposition of 1876, and the only award and medal given to any American for "Collections of Minerals."

My Mineralogical Catalogue of 100 pages is sent post-paid on receipt of 25 cents; heavy paper, 50 cents; bound in cloth, 75 cents; half sheep, $1.00; half calf, $1.25; cloth, interleaved, $1.00; half sheep, interleaved, $1.25; half calf, interleaved, $1.50; (price-list alone, 16 pp., 3 cents). It is profusely illustrated, and the printer and engraver charged me about $1,100 before a copy was struck off. By means of the table of species and accompanying tables, most species may be verified. The price-list is an excellent check list, containing the names of all the species, and the more common varieties, arranged alphabetically and preceded by the species number. The species number indicates the place of any mineral in the table of species; after it will be found the species name, composition, streak or lustre, cleavage or fracture, hardness, specific gravity, fusibility and crystallization. I have very many species not on the price-list, and some that I had in 1876 are no longer in stock.

Collections of Minerals for Students, Amateurs, Professors, Physicians, et al.

The collections of 100 illustrate all the principal species and all the grand subdivisions in Dana and other works on Mineralogy; all the principal Ores, etc., etc. The collections are labeled with printed labels, that can only be removed by soaking. The labels of the $5.00 and higher-priced collections give Dana's species number, the name, locality, and in most cases, the composition of the Mineral; the $5.00, and higher, are also accompanied by my Illustrated Catalogue and table of species.

I have now over forty tons, and over $50,000 worth of Minerals, mostly crystallized, in stock. It is well recognized that my prices are lower and my specimens better labeled than those of any other dealer in the country. This is mainly due to the immense stock I carry (the largest of minerals of any in the country) and my system of printed labels attached to the specimens.

Catalogue of 2,500 species of Shells, made for me by George W. Tryon, Jr., who has labeled nearly all my shells, 3 cents; printed on heavy paper, with genus label list, 10 cents. I have purchased one or two of the most celebrated collections known, and have now over 2,000 pounds, 3,000 species, and 30,000 specimens of Shells and Corals in stock. Catalogue of Birds, Eggs, Eyes, Skins, etc., etc., 3 cents. Catalogues of Books, 16 pp., each 3 cents. Medicine, etc., 48 pp., 5 cents. (Please specify exactly what class of books you wish catalogues of.)

Send for the ***Naturalist's Leisure Hour,*** giving full particulars. Specimen copy free. You will confer a double favor by handing this to some physician or other person interested in science.

Please mention where you saw this.

ILLUSTRATIONS

OF THE

FERNS OF NORTH AMERICA.

Text by Prof. Daniel C. Eaton, of Yale College.

Illustrations by Jas. H. Emerton & Chas. E. Faxon.

The need of a carefully prepared and thoroughly illustrated work on the American Ferns has long been felt by those studying these beautiful plants. As yet no work whatever has made its appearance which contains even a description of all our American species, and the few that have been figured at all are found scattered through so many foreign works that it is quite impossible to find them, even in an excellent library.

Prof. Eaton has for a long time had in contemplation the writing of a work which should possess all the requirements of a scientific student, and at the same time be so popular, and so thoroughly illustrated, that those unfamiliar with botanical methods could be able with perfect ease to determine any of our American Ferns.

The great cost of preparing the plates, suitably drawn and colored, for illustrating a work of such extent, has until now debarred publishers from undertaking its publication.

The artists, Messrs. Chas. E. Faxon and J. H. Emerton, are well known as competent botanical draughtsmen.

In preparing this work, Prof. Eaton, whose herbarium of ferns is the largest in America, has had the assistance of Dr. Gray, Prof. J. Robinson, Mr. Geo. E. Davenport, and other well-known fern specialists.

The work was originally issued in twenty-seven parts, at $1.00 each, and is just completed and bound in two elegant large quarto volumes, figuring in colors every species of fern growing in America north of Mexico.

The work contains eighty-one plates, and the text is printed on extra super-calendered paper, made expressly for this book, from entirely new type.

As nearly the whole edition was taken by subscription, less than one hundred copies are now for sale. Price, $30 per set.

NOTICES OF THE PRESS.

From time to time we have noticed this truly classical work, and have now only to congratulate author, artist, and publisher, also the botanical public and the numerous amateur fern people, upon its happy completion. The author's part has been well sustained throughout. The illustrations began well, and went on better and better. The author adds to the second volume a complete synopsis of the Genera and Species contained in the work, in systematic order, with diagnostic characters, a most convenient and useful addition. Would that all our Cryptogamia, or any of them, were similarly provided for. — *Dr. Asa Gray, in Am. Jour. Sci. & Arts, Aug.*, 1880.

The interest in Ferns is met most fully by an important publication, the "Ferns of North America," prepared by Prof. D. C. Eaton, of Yale College, who is a recognized authority in Botany. The representations are exact, and have a positive value to the student. A work of this magnitude and importance has not before been projected in Botany in America; but the publisher has relied upon a liberal patronage, and has put the price very low for the quality of the work. — *Hartford Daily Courant.*

S. E. CASSINO & CO., PUBLISHERS, BOSTON, MASS.

BAUSCH & LOMB OPTICAL CO

179 & 181 North St. Paul Street, Rochester, N. Y.

37 Maiden Lane, New York.

NEW COMPLETE CATALOGUE (SEVENTH EDITION),

Will be forwarded to any address on application.

MODEL MICROSCOPE, No. 520.

MICROSCOPES OF MODERN CONSTRUCTION.

OBJECTIVES OF FINEST QUALITY.

ACCESSORIES, MOUNTING INSTRUMENTS AND MATERIALS,

TELESCOPE OBJECTIVES AND EYE PIECES.

CRINOIDS

From the Crawfordsville Beds.

THE

MOST NOTED DEPOSIT OF THESE RARE AND INTERESTING FOSSILS IN THE WORLD.

These beds are mostly in my possession, and all excavations are made under my own personal supervision for the purpose of preserving the specimens in as perfect a condition as possible. Special interest in the subject, and sixteen years' experience, enable me to furnish **specimens unequalled in perfection and beauty.** As far as possible the specimens are preserved in their natural position upon blocks of the rock in which they are embedded, **and are as perfect as when first fossilized.** These blocks, being ground and polished, form a beautiful mounting for the specimens, **and present a very attractive appearance in the cabinet.**

Remarkable clusters of Crinoids and their associate fossils are sometimes discovered in making excavations, and, on account of their very great interest, **are preserved with great care.** In dressing them out, the matrix is so removed as to leave the specimens

EMBOSSED UPON SLABS OF THE NATIVE ROCK,

in the same condition and in the same relative position **in which they were buried in the bottom of the sea. These slabs are exceedingly beautiful and instructive.**

We solicit correspondence with all parties interested in collecting cabinets, public or private. No collection is complete which is not supplied with these rare and beautiful fossils. Our prices are low for such specimens as we furnish. All specimens are carefully labelled ready for the cabinet.

For further particulars, and for references, address

PROF. D. A. BASSETT,

CRAWFORDSVILLE, IND.

OLIVER DAVIE,

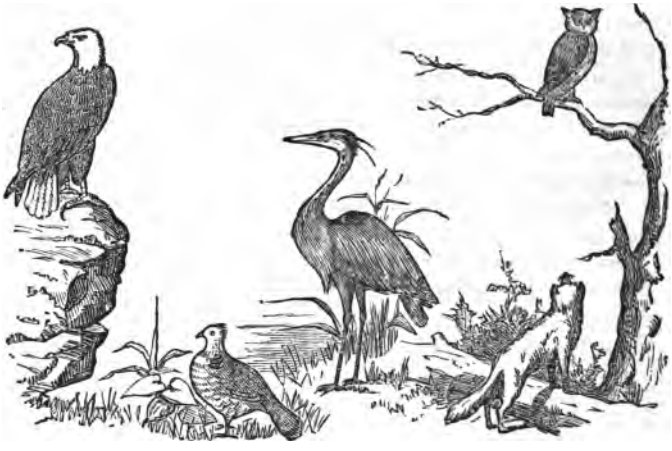
No. 170 North High Street,

COLUMBUS, OHIO,

Dealer in Mounted Birds,

SKINS,

EGGS, AND MAMMALS.



NATURALISTS' SUPPLIES,

—— AND ——

Standard Books on Natural Science.

Illustrated Catalogue sent on receipt of

THREE-CENT STAMP.

Library Bureau,

MANUFACTURERS OF

LIBRARY AND OFFICE LABOR-SAVING FITTINGS AND SUPPLIES.

We make over two hundred devices solely to help readers and writers, librarians, authors, and all who work at the desk, accomplish the most possible with time and strength. THE ONLY HOUSE IN THE WORLD DEVOTED SOLELY TO THIS WORK.

To any one of systematic habits of thot and record, our illustrated catalog of the best appliances, etc., containing, also, many labor-saving methods and directions for use, is most interesting and valuable. Sample pages free. Full catalog (nearly ready) of 120 pages, clasified and indext, post free, for 15 cents.

IF IT PAYS IN THE KITCHEN, IT WILL PAY IN THE STUDY

to hav labor-saving tools to work with. We make over two hundred devices to aid literary workers, and supply at co-operativ prices all articles needed at the desk, selected with skill as the best obtainable.

IF YOU NEED

Desk, Table, Study-Chair, Perfect or Portable Inkstand, Revolving, Portable, Sloping, Methodist, or Hanging Bookcase, Pamflet Box or Case (fifteen sizes), File, Card-Catalog Case, Box, Tray, Drawer, etc., Blank Catalog for Books, the best Index Rerum System, Scrapbooks or Boxes, Inkvents, Pencil and Pen Pockets, Book-Holders, Racks, Supports or Reading-Desks, Folding Tables or Steps, Music-Stand, Binders (five kinds, over three hundred sizes and bindings), Newspaper Files, Clasps, and Boxes, Paper Shears, Desk Cabinets, Rubber Bands, Dictionary-Holders (ten kinds), etc., etc., etc,

CALL OR SEND FOR OUR CATALOGS.

To any student of SCIENCE, interested in our practical efforts to assist literary workers, who will giv us his co-operation, we will giv a liberal members' discount. See special circular.

LIBRARY BUREAU,

Over 28-34 Hawley Street, Boston.

MELVIL DUI, Manager.

Illustrated Catalog Free.

SOUTHWICK & JENCKS,

NATURAL HISTORY STORE,

PROVIDENCE, R. I.

Birds, Eggs, Minerals, Shells,

AND

NATURAL CURIOSITIES.

Catalogue complete . . . . . 25 cents,

Contains the entire nomenclature of North American Birds, with scientific and common names, and old and new numbers; also instructions for preserving birds and preparing eggs, besides price-lists of Minerals, Shells, Foreign Skins, Supplies, etc.

Circular and Sample Pages free.

JOHN CARBUTT,

628 & 630 CHESTNUT STREET, PHILADELPHIA,

Manufacturer of the Celebrated

"KEYSTONE" GELATINE DRY PLATES

Made in three degrees of rapidity, and fully meets the wants of the Scientist, Microscopist, the Amateur and Practical Photographer.

CARBUTT'S

MULTUM IN PARVO

DRY PLATE LANTERN.

The Most Perfect DRY PLATE LANTERN yet invented, and when fitted with our Triple Condenser, the only one affording a good light for Photomicography.

RUBY PAPER FOR TEMPORARILY PREPARING DEVELOPING ROOM.

KEYSTONE NEGATIVE VARNISH.

N. B.—Our goods can be obtained of any Dealer in Photo Materials, or direct from the Factory.

☞ *Send for Circulars.* ☜

Rare and Selected Single Diatoms.
(NAMED.)

Selected and Grouped Diatoms.

"Type Plates with from 5 to 25 Selected Single Diatoms." Names and localities given.

TEST PLATES OF ONE OR MORE

In exchange for Diatomaceous material from newly-discovered Deposits, or material containing rare and High-test Diatoms.

THOMAS CHRISTIAN,

No. 108 VIRGINIA STREET, RICHMOND, VA.

U. S. A.

G. S. WOOLMAN, 116 FULTON STREET, N.Y.

MICROSCOPES

Of all the Best Forms.

Accessories of all kinds.

Glass Slips, Thin Glass, &c.

Catalogue of Optical Instruments sent if this Directory is mentioned.

Also, DRAWING INSTRUMENTS, PAPER, PENCILS, and materials of all kinds.

Catalogue of Mathematical Instruments sent if this Directory is mentioned.

THE ORNITHOLOGIST AND OOLOGIST.

A MONTHLY MAGAZINE DEVOTED TO THE STUDY OF BIRDS, THEIR NESTS AND EGGS.

JOS. M. WADE, EDITOR AND PUBLISHER,
With the co-operation of able ornithological writers and collectors.

THE ORNITHOLOGIST AND OOLOGIST stands entirely alone in its chosen field, describing, as it does, Bird Life, pure and simple, and in the plainest English, so that "he who runs may read" and understand. It covers a ground the extent of which is occupied by no other publication in any country, and forms an invaluable work of reference to the student in Ornithology, as it is composed entirely of ORIGINAL MATTER, mostly furnished by collectors in the field and our leading writers on ornithology.

Our Leading Ornithologists are pleased with it.

It is the only monthly magazine in the United States devoted to ORNITHOLOGY and OOLOGY and the interests of the collector.

☞ Edited in a popular manner, and printed on heavy tinted book paper, with entirely original matter, which never deteriorates in value.

SUBSCRIPTION, PER ANNUM, $1.

Boston Subscribers, $1.12. Foreign, $1.24; all postage paid. Specimen copies, 12 cents.

JOS. M. WADE, Box 1829, Boston, Mass.

HAND BOOK
OF
INVERTEBRATE ZOOLOGY

FOR LABORATORIES AND SEASIDE WORK.

BY W. K. BROOKS, PH.D.,
OF THE JOHNS HOPKINS UNIVERSITY.

This work is simply indispensable for the American Student of Biology.

This book bears marks of its preparation in a working Laboratory, in the clearness and exactness of its directions, and in the selection of the most important features in the illustrations. The author has been able to avoid too great fulness and excessive conciseness in the directions. . . . The embryological sections are particularly good, and the diagrams will be very acceptable to teachers. On the whole the book can be cordially recommended." — *Philadelphia American.*

1 Vol. 8vo. Cloth, $3.00.

Sent post-paid on receipt of price by the publishers.

S. E. CASSINO & CO., Boston, Mass.